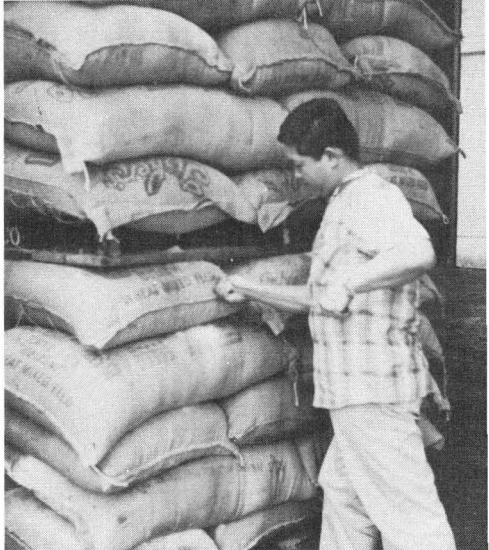


Report on
Analysis of
Official Commercial
Feed Samples

January 1, 1960—December 31, 1960

Bulletin 125

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**HAWAII AGRICULTURAL EXPERIMENT STATION
UNIVERSITY OF HAWAII**
in cooperation with the
**DEPARTMENT OF AGRICULTURE AND CONSERVATION
STATE OF HAWAII**

ON THE COVER

TOP PHOTO: Department of Agriculture and Conservation feed inspector inserts sampling probe into sack to take a representative feed sample.

BOTTOM PHOTO: Feed sample in probe is placed on large plastic sheet for mixing. After other sacks are sampled in the same manner, the composite feed sample is mixed and quartered. Note hole in sack where sampling probe entered, in upper portion of photograph.

Photos by Department of Agriculture and Conservation.

CONTENTS

	PAGE
Introduction	4
Registration and Labeling	4
Custom-mixed and Toll-mixed Feeds	5
Inspection Fees.	5
Rules and Regulation.	6
Inspection of Commercial Feeds	6
Types of Feed, Number of Brands, and Number of Samples Inspected During 1960	8
Summary of the Number of Samples Analyzed Per Year for the Last Ten Years.	9
Types of Feed and Feed Components Which Failed to Meet Manufacturer's Guarantee.	10
Tabulation of Commercial Feed Samples Analyzed from January 1 to December 31, 1960.	11
Tabulation of Medicated Feed Samples Analyzed from January 1 to December 31, 1960.	67

REPORT ON ANALYSIS OF OFFICIAL COMMERCIAL FEED SAMPLES

JANUARY 1, 1960 - DECEMBER 31, 1960

Yoshihiko Kawano, Barbara Temple,
Hiromu Matsumoto, and Charles L. Powell¹

INTRODUCTION

The Hawaii Feed Law of 1959 is administered by the State Department of Agriculture and Conservation (formerly the Board of Commissioners of Agriculture and Forestry).

The Hawaii Agricultural Experiment Station of the University of Hawaii cooperates, as the designated chemical laboratory, in the analysis of samples collected by the inspectors of the Department of Agriculture and Conservation.

HAWAII FEED LAW

REGISTRATION AND LABELING

The Hawaii Feed Law requires that each commercial feed be registered before being distributed in this State or imported. There is a registration fee of \$10.00 for each commercial feed registered. The registration is effective for one year from January 1 to December 31. Custom-mixed feed and toll-milled feed are exempt from registration. The term "commercial feed" is defined by the law as all materials which are designed to be used for the purpose of feeding poultry, rabbits, and livestock other than dogs, cats or other domestic pets. It does not include unmixed whole seed and meals made directly from entire seeds, unground hay, whole or ground straw,

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silage, cobs, cane bagasse, stover and hulls when not mixed with other materials; or wet garbage; or individual chemical compounds when not mixed with other material; or unmixed feeding cane molasses and unmixed pineapple pulp.

Any commercial feed, other than custom-mixed or toll-milled feed, distributed in this State or imported shall be accompanied by a legible label bearing the following information: (1) the net weight, (2) the name or brand under which the commercial feed is sold, (3) the guaranteed analysis of the commercial feed, listing the maximum percentage of crude protein, minimum percentage of crude fat, maximum percentage of crude fiber, and maximum percentage of ash. For mineral feeds, the list shall include the following if added: minimum and maximum percentage of calcium (Ca), minimum percentage of phosphorus (P), minimum percentage of iodine (I), and minimum and maximum percentages of salt (NaCl), (4) the common or official name of each ingredient used in the manufacture of the commercial feed, except as the Department of Agriculture and Conservation may, by regulation, permit the use of a collective term for a group of ingredients, all of which perform the same function, (5) the name and principal address of the person responsible for distributing the commercial feed.

CUSTOM-MIXED AND TOLL-MILLED FEEDS

The term "Custom-mixed feed" means a special commercial feed mixture which is formulated by the manufacturer or processor in accordance with the specific instructions of the final purchaser and contains feed material or materials wholly or partly supplied by such manufacturer or processor.

A custom-mixed feed shall be labeled by numbered invoice. The invoice, which is to accompany delivery and be supplied to the purchaser at the time of delivery, shall bear the following information: (1) name and address of the mixer, (2) name and address of the purchaser, (3) date of sale, (4) brand name and number of pounds of each registered commercial feed used in the mixture, and the name and number of pounds of each other feed ingredient added, and (5) the term "Custom-mixed feed."

The term "Toll-milled feed" is defined by law as a special feed which is processed by the processor (1) from material or materials entirely delivered by the owner thereof or his authorized agent, and (2) in accordance with the specific instructions of such owner, and which is not distributed.

A toll-milled feed shall be labeled with the term, "Toll-milled feed" together with the name and address of the owner thereof.

INSPECTION FEES

There is an inspection fee of 20 cents per ton for commercial mixed feeds and 10 cents per ton for commercial simple feeds for all commercial feeds distributed or imported for use or sale in this State. Any distributor may pay an annual registration fee of \$25.00 for each brand of commercial

feed distributed in individual packages of 10 pounds or less, and the distributor of such brands shall not be required to pay the inspection fee on such packages on the brands so registered. Custom-mixed feeds are exempted, if the inspection fee is paid on the commercial feeds which they contain. Toll-milled feeds are exempted.

Importers and distributors are required to file quarterly statements setting forth the number of net tons of commercial feeds distributed or imported in the State during the preceding calendar quarter.

RULES AND REGULATIONS

The State Department of Agriculture and Conservation is empowered to promulgate and adopt such rules and regulations as may be necessary in order to administer this Act. Limitations on the use of minerals, urea, artificial color, drugs, food additives, etc., will be set forth under these regulations. Copies of the law, and proposed rules and regulations may be obtained from the Division of Entomology and Marketing, Department of Agriculture and Conservation, Honolulu 14, Hawaii.

The law mandates the State Department of Agriculture and Conservation to publish a report on the results of the analyses of official samples of feed distributed within the State as compared with the analyses guaranteed in the registration and on the label. This bulletin is published in conformance with Section 24-12 of the Hawaii Feed Law of 1959.

INSPECTION OF COMMERCIAL FEEDING STUFFS

It must not be assumed by the consumer that every brand which meets the manufacturer's guarantee is a high-grade feed. The nutritional value of commercial feeds varies with the ingredients. This report is not concerned with the nutritive quality of feed.

This report is a summary of the inspection of commercial feeds sold in Hawaii from January 1, 1960 to December 31, 1960.

During this period, authorized inspectors collected seven hundred and twenty-five feed samples, representing two hundred and seventy-five brands registered by forty-three companies. These samples were subjected proximate analyses.

Table 1 shows the types of feeds, number of brands and number of samples taken.

Table 2 is a 10-year compilation of the number of samples analyzed per year and the number of samples and feed components which failed to meet the manufacturer's guarantee. As can be seen from the table, a greater number of samples were analyzed in 1960 than in preceding years and the percentage of deficiencies in these samples was considerably less than that of 1959.

Figures for the years prior to 1959 are on a fiscal year, July 1 to June 30, basis. Beginning with 1959, inspection reports are on a calendar year basis as required by law.

The inspection data show 16.3 percent of the total samples were found to be deficient in one or more feed constituents. A feed is considered deficient if the protein or crude fat content is 0.5 percent lower than the manufacturer's guarantee, or if the crude fiber or ash content is 0.5 percent higher than the manufacturer's guarantee. Table 3 indicates the types of feed and number of feed samples which failed to meet the manufacturer's guarantee during the year 1960.

In Table 4 are listed the names of the manufacturers and their respective brands, together with the guaranteed and found percentages of the feed components.

Samples treated with drug additives have also been inspected. During the past year, one hundred and twenty-four samples of medicated feeds were analyzed. The additives tested include p-arsanilic acid, furazolidone, sulfa-quinoxaline, and acetyl-(para-nitrophenyl)-sulfanilamide. Table 5 contains the percentages of these drugs determined in the feeds sampled.

TABLE 1. TYPES OF FEED, NUMBER OF BRANDS, AND
NUMBER OF SAMPLES INSPECTED
(JANUARY 1, 1960 TO DECEMBER 31, 1960)

Type of Feed	No. of Brands	No. of Samples
Poultry	156	477
Cattle	62	111
Swine	38	93
Rabbit	14	37
Horse	3	5
Sheep	1	1
Mineral	1	1
Total	275	725

TABLE 2. NUMBER OF SAMPLES* AND COMPONENTS WHICH FAILED TO MEET THE
MANUFACTURER'S GUARANTEE**

Year	No. of Samples Analyzed	Samples Failed to Meet Guarantee		Protein Below Guarantee		Fat Below Guarantee		Fiber in Excess of Guarantee		Ash in Excess of Guarantee	
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent
1960***	724	118	16.3	59	8.1	23	3.2	10	1.4	44	6.1
1959****	509	122	24.0	50	9.8	22	4.3	19	3.7	31	6.1
1958-1959	557	99	17.8	37	6.6	18	3.2	24	4.3	20	3.6
1957-1958	607	102	16.8	51	8.3	23	3.5	19	3.1	29	4.8
1956-1957	474	49	10.3	30	6.3	12	2.5	1	0.2	14	3.0
1955-1956	449	77	17.2	46	10.2	16	3.6	5	1.1	18	4.0
1954-1955	627	70	11.2	44	7.0	8	1.3	4	0.6	21	3.3
1953-1954	623	50	8.0	24	13.9	3	0.5	4	0.6	20	3.2
1952-1953	618	103	16.7	79	12.8	7	1.1	7	1.1	22	3.6
1951-1952	569	58	10.2	37	6.5	1	0.2	1	0.2	25	4.4
1950-1951	629	78	12.4	54	8.6	1	0.2	2	0.3	32	5.1

* Mineral supplements and drug feeds are not included in this table.

** The total of the individual components (protein, fat, fiber, ash) is greater than the number of samples not meeting the guarantee. This is because there were instances of single samples failing to meet the guarantee in more than one component.

*** January 1960 to December 1960.

**** January 1959 to December 1959.

TABLE 3. TYPES OF FEEDS AND FEED COMPONENTS WHICH FAILED TO MEET THE
MANUFACTURER'S GUARANTEE FROM JANUARY 1960 TO DECEMBER 1960

Type of Feed	No. of Samples Analyzed	Samples Failed to Meet Guarantee		Protein Below Guarantee		Fat Below Guarantee		Fiber in Excess of Guarantee		Ash in Excess of Guarantee	
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Poultry	447	80	16.8	42	8.8	17	3.6	5	1.0	30	6.3
Cattle	111	20	18.1	10	9.0	4	3.6	2	1.8	7	6.3
Swine	93	11	11.8	4	4.3	2	2.2	0	0.0	5	5.4
Rabbit	37	7	18.9	3	8.1	0	0.0	3	8.2	2	5.4
Horse	5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Sheep	1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total	724	118		59		23		10		44	

TABLE 4. TABULATION OF COMMERCIAL FEED SAMPLES
ANALYZED FROM JANUARY 1 TO DECEMBER 31, 1960

Determinations 0.5 percent or more below manufacturer's guarantee in protein and fat, and 0.5 percent or more in excess of guarantee in crude fiber and ash are indicated by an underline.

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
POULTRY FEEDS					
<u>Albers Milling Company</u>					
<u>Los Angeles, California</u>					
Albers Broiler Finisher, Medicated	G	20.0	6.0	5.0	10.0
	F	21.2	6.6	3.5	6.3
Albers Broiler Finisher, Medicated	G	20.0	6.0	5.0	10.0
	F	20.1	6.4	3.1	5.9
Albers Broiler Finisher, Medicated	G	20.0	-	-	-
	F	22.5	-	-	-
Albers Broiler Finisher, Medicated	G	21.0	8.0	5.0	10.0
	F	23.3	7.7	3.3	9.2
Albers Broiler Finisher, Medicated	G	21.0	8.0	5.0	10.0
	F	22.0	9.4	3.7	6.3
Albers Broiler Finisher, Medicated	G	21.0	8.0	5.0	10.0
	F	21.3	7.8	4.1	9.1
Albers Broiler Ration, Medicated	G	21.0	-	-	-
	F	23.4	-	-	-
Albers Broiler Ration, Medicated	G	21.0	4.0	5.0	10.0
	F	22.5	4.1	5.0	7.2
Albers Broiler Ration, Medicated	G	21.0	4.0	5.0	10.0
	F	20.7	3.8	3.8	9.6
Albers Broiler Starter, Medicated	G	22.0	6.0	5.0	10.0
	F	23.0	6.2	3.4	7.3
Albers Broiler Starter, Medicated	G	24.0	-	-	-
	F	25.0	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Broiler Starter, Medicated	G	24.0	8.0	5.0	10.0
	F	25.7	8.0	3.2	8.3
Albers Broiler Starter, Medicated	G	24.0	8.0	5.0	10.0
	F	25.3	<u>4.7</u>	4.3	10.2
Albers Broiler Starter, Medicated	G	24.0	8.0	5.0	10.0
	F	23.7	<u>6.7</u>	3.6	<u>11.4</u>
Albers Chick Starter Mash, Medicated	G	20.0	4.0	5.0	9.0
	F	<u>19.4</u>	4.2	3.4	8.2
Albers Chick Starter Mash, Medicated	G	20.0	4.0	5.0	9.0
	F	<u>19.5</u>	4.0	3.9	8.4
Albers Chick Starter Mash, Medicated	G	20.0	4.0	5.0	9.0
	F	19.7	4.0	4.4	6.8
Albers Chick Starter Mash, Medicated	G	20.0	4.0	5.0	9.0
	F	<u>19.0</u>	<u>3.4</u>	4.0	8.1
Albers Chick Starter Pakettes, Medicated	G	20.0	4.0	5.0	9.0
	F	<u>18.8</u>	4.9	3.4	8.7
Albers Chick Starter Pakettes, Medicated	G	20.0	4.0	5.0	9.0
	F	20.1	4.5	3.3	8.9
Albers Chick Starter Pakettes, Medicated	G	20.0	4.0	5.0	9.0
	F	19.6	4.2	3.0	7.9
Albers Chick Starter Pakettes, Medicated	G	20.0	-	-	-
	F	20.1	-	-	-
Albers Chick Starter Pakettes, Medicated	G	20.0	4.0	5.0	9.0
	F	20.7	4.4	4.2	8.3
Albers Cracked Corn (Medium)	G	10.0	-	-	-
	F	<u>8.8</u>	-	-	-
Albers Cracked Corn (Medium)	G	10.0	2.5	3.0	2.0
	F	10.5	4.1	2.0	1.4
Albers Cracked Corn (Medium)	G	10.0	2.5	3.0	2.0
	F	<u>8.6</u>	3.3	1.8	1.1

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Crowd	G	20.0	3.5	7.5	7.5
	F	21.6	4.3	6.7	6.9
Albers Crowd	G	20.0	3.5	7.5	7.5
	F	21.1	-	-	-
Albers Crowd	G	20.0	3.0	8.0	7.5
	F	23.6	3.0	6.2	7.0
Albers Egg Maker 16 with 2% Granite Grit	G	16.0	3.5	6.0	14.0
	F	17.1	4.2	3.8	11.3
Albers Egg Maker 16 with 2% Granite Grit	G	16.0	3.5	6.0	14.0
	F	16.1	3.3	3.2	10.1
Albers Egg Maker 16 with 2% Granite Grit	G	16.0	3.5	6.0	14.0
	F	16.8	4.0	3.4	10.0
Albers Egg Maker 16 with 2% Granite Grit	G	16.0	3.5	6.0	14.0
	F	17.2	4.1	2.7	10.8
Albers Egg Maker 16 with 2% Granite Grit	G	16.0	3.5	6.0	14.0
	F	15.9	4.3	2.9	12.1
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	-	-	-
	F	17.9	-	-	-
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	17.8	3.4	4.9	10.0
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	19.1	3.7	3.5	10.4
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	18.5	3.6	3.5	9.6
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	18.2	3.7	3.3	10.9
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	17.2	3.9	4.0	10.5
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	17.3	3.6	3.9	11.1

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	18.1	3.6	3.8	11.8
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	17.5	3.8	3.4	11.3
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	17.3	4.0	4.2	12.3
Albers Egg Maker 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	19.7	3.8	4.7	13.8
Albers Egg Maker 20	G	20.0	4.0	7.0	11.0
	F	20.7	5.2	4.5	10.1
Albers First-Ade, Medicated	G	22.0	6.0	4.0	8.0
	F	<u>21.1</u>	6.1	3.9	6.2
Albers First-Ade, Medicated	G	22.0	-	-	-
	F	24.9	-	-	-
Albers Fitting Ration	G	14.0	-	-	-
	F	17.3	-	-	-
Albers Ground Corn	G	10.0	-	-	-
	F	<u>9.4</u>	-	-	-
Albers Ground Corn	G	10.0	2.5	3.0	2.0
	F	11.3	4.5	1.9	1.7
Albers Hen Scratch	G	9.0	2.5	4.0	3.0
	F	9.2	3.3	1.8	1.7
Albers Hen Scratch	G	9.0	2.5	4.0	3.0
	F	10.3	3.5	1.6	1.4
Albers Hen Scratch	G	9.0	2.5	4.0	3.0
	F	8.9	3.4	2.0	1.3
Albers Hen Scratch	G	9.0	-	-	-
	F	9.9	-	-	-
Albers Hen Scratch	G	9.0	2.5	4.0	3.0
	F	10.0	3.7	2.4	1.5

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
Albers Lab-Mix Poultry	G	42.0	-	-	-
	F	44.5	-	-	-
Albers Layer 16 with 2% Granite Grit	G	16.0	4.0	6.0	11.0
	F	15.8	4.1	3.5	<u>11.8</u>
Albers Layer 16 with 2% Granite Grit	G	16.0	3.5	6.0	13.0
	F	16.4	4.2	2.7	11.2
Albers Layer 16 with 2% Granite Grit	G	16.0	3.5	6.0	13.0
	F	<u>15.3</u>	4.2	3.1	11.7
Albers Layer 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	17.3	4.1	3.2	10.9
Albers Layer 17 with 2% Granite Grit	G	17.0	3.5	6.0	14.0
	F	<u>15.9</u>	3.8	4.1	10.4
Albers Medicated Korect	G	24.0	4.5	5.0	10.0
	F	25.5	4.8	4.3	7.3
Albers Medicated Korect	G	24.0	-	-	-
	F	25.5	-	-	-
Albers Medicated Korect	G	24.0	3.5	6.0	10.0
	F	25.3	4.0	4.7	8.4
Albers Medicated Korect	G	24.0	3.5	6.0	10.0
	F	26.7	3.8	4.7	8.0
Albers Medicated Korect	G	24.0	3.5	6.0	10.0
	F	25.6	3.4	4.7	8.6
Albers Medicated Potent-e-ade, Mash	G	22.0	6.0	5.0	8.0
	F	22.8	<u>5.5</u>	3.3	6.5
Albers Medicated Potent-e-ade, Mash	G	22.0	-	-	-
	F	23.3	-	-	-
Albers Medicated Potent-e-ade, Mash	G	22.0	6.0	5.0	8.0
	F	26.0	<u>4.5</u>	4.4	5.2
Albers Medicated Potent-e-ade, Mash	G	22.0	6.0	5.0	8.0
	F	23.7	<u>5.5</u>	3.8	5.6
Albers Medicated Potent-e-ade, Mash	G	22.0	6.0	5.0	8.0
	F	23.2	5.7	3.7	5.5

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Medicated Potent-e-ade, Mash	G	22.0	6.0	5.0	8.0
	F	23.4	5.9	4.3	5.0
Albers Pigeon Feed	G	12.0	3.0	3.0	3.0
	F	12.2	3.2	2.2	1.9
Albers Pigeon Feed	G	12.0	3.0	3.0	3.0
	F	12.2	3.0	2.7	2.5
Albers Poultry Breeder 17	G	17.0	4.0	6.0	12.0
	F	17.2	4.5	3.3	9.6
Albers Poultry Breeder 17	G	17.0	3.5	6.0	14.0
	F	18.6	3.9	3.1	9.4
Albers Poultry Breeder 17	G	17.0	-	-	-
	F	17.4	-	-	-
Albers Poultry Breeder 17	G	17.0	3.5	6.0	14.0
	F	16.9	3.8	2.3	9.7
Albers Poultry Breeder 17	G	17.0	3.5	6.0	14.0
	F	17.2	3.8	3.8	10.0
Albers Poultry Wormer	G	20.0	-	-	-
	F	20.1	-	-	-
Albers Poultry Wormer	G	20.0	3.5	5.0	11.0
	F	20.5	4.1	3.7	8.7
Albers Pullet Finisher 16%, Medicated	G	16.0	-	-	-
	F	16.0	-	-	-
Albers Pullet Finisher 16%, Medicated	G	16.0	3.0	9.0	12.0
	F	17.4	3.5	6.2	11.2
Albers Pullet Finisher 16%, Medicated	G	16.0	3.0	9.0	12.0
	F	17.7	3.6	7.3	10.3
Albers Pullet Finisher 16%, Medicated	G	16.0	3.0	9.0	11.0
	F	15.9	3.4	7.0	11.4
Albers Pullet Maker, Medicated	G	16.0	3.0	7.5	12.0
	F	16.4	4.1	5.0	8.6

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Pullet Maker, Medicated	G	16.0	3.0	7.5	12.0
	F	18.3	4.3	5.6	8.7
Albers Pullet Maker, Medicated	G	16.0	3.0	7.5	12.0
	F	18.2	-	-	-
Albers Pullet Maker, Medicated	G	17.0	3.0	7.5	12.0
	F	16.7	4.0	7.2	10.5
Albers Pullet Maker, Medicated	G	17.0	4.0	7.5	12.0
	F	17.0	4.5	5.9	9.2
Albers Pullet Maker, Medicated	G	17.0	4.0	7.5	12.0
	F	17.4	4.3	5.1	8.3
Albers Pullet Maker, Medicated	G	17.0	-	-	-
	F	17.9	-	-	-
Albers Pullet Maker, Medicated	G	17.0	3.0	7.5	12.0
	F	17.9	3.5	6.1	9.8
Albers Pullet Maker, Medicated	G	17.0	3.0	7.5	11.0
	F	16.9	3.8	6.9	10.5
Albers Pullet Maker, Medicated	G	17.0	3.0	7.5	11.0
	F	17.7	3.4	6.1	5.1
Albers Pullet Maker, Medicated	G	17.0	3.0	7.5	11.0
	F	16.7	3.7	5.4	8.8
Albers 50-50 Scratch Feed	G	9.0	2.5	4.0	3.0
	F	9.5	3.0	1.8	1.5
Albers 50-50 Scratch Feed	G	9.0	2.5	4.0	3.0
	F	11.0	2.8	2.3	1.3
Albers 50-50 Scratch Feed	G	9.0	2.5	4.0	3.0
	F	9.5	4.1	1.9	2.8
Albers 50-50 Scratch Feed	G	9.0	2.5	4.0	3.0
	F	9.5	2.6	1.9	1.5
Albers Sho-Glo	G	22.0	-	-	-
	F	22.1	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Similene 20, Medicated	G	20.0	4.0	6.0	10.0
	F	20.2	4.7	4.5	9.0
Albers Similene 20, Medicated	G	20.0	4.0	6.0	10.0
	F	20.2	4.5	5.1	<u>11.7</u>
Albers Similene 20, Medicated	G	20.0	4.0	6.0	10.0
	F	20.7	4.7	4.0	10.1
Albers Trip-L-Duty	G	16.0	3.5	6.0	10.0
	F	15.9	4.8	3.1	7.7
Albers Trip-L-Duty	G	16.0	3.5	6.0	10.0
	F	16.3	4.8	5.5	<u>11.6</u>
Albers Trip-L-Duty	G	16.0	3.5	6.0	10.0
	F	16.7	4.4	3.4	10.2
Albers Trip-L-Duty	G	16.0	3.5	6.0	10.0
	F	16.8	3.8	3.6	9.0
Albers Trip-L-Duty	G	16.0	-	-	-
	F	18.7	-	-	-
Albers Trip-L-Duty	G	16.0	3.5	6.0	12.0
	F	16.5	4.0	4.2	6.7
Albers Trip-L-Duty	G	16.0	3.5	6.0	12.0
	F	16.1	3.5	4.0	9.1
Albers Trip-L-Duty	G	16.0	3.5	6.0	12.0
	F	17.1	4.3	4.5	9.2
Albers Trip-L-Duty	G	16.0	3.5	6.0	12.0
	F	<u>15.5</u>	4.2	4.5	10.5
Albers Turkey Starter, Medicated	G	26.0	-	-	-
	F	26.6	-	-	-
Albers Turkey Starter, Medicated	G	26.0	4.0	5.0	10.0
	F	26.6	<u>3.5</u>	4.3	<u>10.8</u>
Custom Mix	G	-	-	-	-
	F	20.2	1.4	4.9	10.2
Wheat Middlings	G	15.0	3.5	6.0	3.5
	F	15.4	3.9	2.7	2.4

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Wheat Middlings	G	15.0	3.5	6.0	3.5
	F	15.2	3.9	2.7	2.4
<u>Beckley Feed Co.</u> <u>Linden, California</u>					
Creep Feed	G	15.0	2.0	10.0	-
	F	16.6	3.2	9.9	9.2
<u>J. G. Boswell Company</u> <u>Corcoran, California</u>					
C or M 41% Protein Cottonseed Cake or Meal - Prime Quality	G	41.0	3.0	14.0	7.0
	F	41.1	4.8	13.9	6.3
C or M 41% Protein Cottonseed Cake or Meal - Prime Quality	G	41.0	3.0	14.0	7.0
	F	<u>40.0</u>	4.3	<u>15.2</u>	<u>8.4</u>
<u>British Columbia Packers, Ltd.</u> <u>Vancouver, Canada</u>					
British Columbia Packers Fishmeal Herring	G	70.0	5.0	1.0	12.0
	F	74.4	7.3	0.4	9.5
British Columbia Packers Fishmeal Herring	G	70.0	5.0	1.0	12.0
	F	71.6	7.9	0.3	10.5
<u>California Milling Corporation</u> <u>Los Angeles, California</u>					
Ace-Hi All Age Mash	G	17.0	3.5	6.0	12.0
	F	18.3	5.1	5.2	<u>13.5</u>
Ace-Hi All Age Mash	G	17.0	3.5	6.0	10.0
	F	17.5	4.4	4.9	9.1
Ace-Hi All Age Mash	G	17.0	3.5	6.0	12.0
	F	18.6	4.3	5.9	12.0
Ace-Hi All Purpose Mash	G	16.0	3.5	6.0	10.0
	F	16.7	4.4	5.8	<u>10.8</u>
Ace-Hi Baby Chick Scratch Feed	G	10.0	2.5	3.0	3.0
	F	10.9	2.6	2.0	1.4

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Ace-Hi Baby Chick Scratch Feed	G	10.0	2.5	3.0	3.0
	F	10.6	2.4	1.9	1.3
Ace-Hi Broiler & Fryer with Ace Hi's Sulfaquinoxaline Mixture	G	20.0	3.5	6.0	9.0
	F	21.0	5.8	4.1	8.3
Ace-Hi Broiler & Fryer with Ace Hi's Sulfaquinoxaline Mixture	G	20.0	4.0	5.0	9.0
	F	20.7	5.1	4.0	8.3
Ace-Hi Broiler & Fryer with Ace Hi's Sulfaquinoxaline Mixture	G	20.0	4.0	5.0	9.0
	F	22.3	6.4	4.0	8.4
Ace-Hi Cage Lay Mash (with 2% Grit - 2% Oyster Shell)	G	18.0	3.0	6.0	10.0
	F	18.3	4.3	4.1	<u>14.2</u>
Ace-Hi Cage Lay Mash (with 2% Grit - 2% Oyster Shell)	G	18.0	3.0	6.0	10.0
	F	18.2	4.2	4.2	10.0
Ace-Hi Cage Lay Mash (with 2% Grit - 2% Oyster Shell)	G	18.0	3.0	6.0	10.0
	F	19.1	5.1	4.1	10.0
Ace-Hi Cage Lay Mash (with 2% Grit - 2% Oyster Shell)	G	18.0	3.0	6.0	10.0
	F	19.1	6.0	4.5	10.0
Ace-Hi Cage Lay Mash (2% Grit - 2% Oyster Shell)	G	18.0	3.0	6.0	10.0
	F	18.2	4.5	4.3	<u>14.9</u>
Ace-Hi Gamecock Graining Mix with 2% Pigeon Grit	G	18.0	3.0	5.0	5.0
	F	<u>15.9</u>	3.0	3.2	4.9
Ace-Hi Gamecock Graining Mix with 2% Pigeon Grit	G	18.0	3.0	5.0	5.0
	F	<u>17.5</u>	2.9	3.8	4.1
Ace-Hi 300 G Kracketts	G	22.0	3.5	6.0	12.0
	F	<u>20.5</u>	8.1	3.5	8.7
Ace-Hi 300 G Kracketts	G	22.0	3.5	6.0	12.0
	F	22.3	5.4	3.3	9.3
Ace-Hi 300 G Kracketts	G	22.0	3.5	6.0	12.0
	F	<u>20.9</u>	8.1	3.6	9.4
Ace-Hi Laying Mash	G	20.0	3.5	6.0	10.0
	F	19.9	5.6	4.3	10.0

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Ace-Hi Laying Mash	G	20.0	3.5	6.0	10.0
	F	20.3	5.9	4.6	9.4
Ace-Hi Laying Mash	G	20.0	3.5	6.0	10.0
	F	21.1	5.2	4.3	10.5
Ace-Hi Pigeon Feed	G	11.0	2.0	4.0	3.0
	F	12.9	2.6	3.1	2.8
Ace-Hi Pigeon Feed	G	11.0	2.0	4.0	3.0
	F	12.0	2.9	2.9	1.9
Ace-Hi Primer Kracketts	G	16.0	3.5	5.0	8.0
	F	16.1	4.5	4.7	6.2
Ace-Hi Primer Kracketts	G	16.0	3.5	5.0	8.0
	F	15.8	4.2	5.1	6.2
Ace-Hi Primer Kracketts	G	16.0	3.5	5.0	8.0
	F	16.0	4.0	4.0	6.4
Ace-Hi Primer Kracketts	G	16.0	3.5	5.0	8.0
	F	16.4	4.5	4.7	7.7
Ace-Hi Pullet Growing Kracketts (A complete feed)	G	17.0	4.0	6.0	9.0
	F	19.7	4.5	5.0	9.3
Ace-Hi Pullet Growing Kracketts (A complete feed)	G	17.0	4.0	6.0	9.0
	F	18.9	4.8	5.2	8.8
Ace-Hi Pullet Growing Kracketts (A complete feed)	G	17.0	4.0	6.0	9.0
	F	19.5	5.1	5.1	8.8
Ace-Hi Pullet Growing Kracketts (A complete feed)	G	17.0	4.0	6.0	9.0
	F	18.6	4.1	1.6	10.3
Ace-Hi Pullet Starter Kracketts	G	21.0	5.0	5.0	9.0
	F	21.5	4.8	4.8	8.6
Ace-Hi Pullet Starter Mash	G	21.0	5.0	5.0	9.0
	F	22.3	5.8	4.0	8.2
Ace-Hi Pullet Starter Mash	G	21.0	5.0	5.0	9.0
	F	21.6	5.8	4.4	8.2

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Ace-Hi Pullet Starter Mash	G	21.0	5.0	5.0	9.0
	F	22.2	5.7	4.2	9.0
Ace-Hi 50-50 Scratch Feed	G	10.0	2.5	3.0	3.0
	F	10.5	2.9	1.3	1.5
Ace-Hi 50-50 Scratch Feed	G	10.0	2.5	3.0	3.0
	F	11.3	2.6	2.0	1.4
Ace-Hi 50-50 Scratch Feed	G	10.0	2.5	3.0	3.0
	F	10.5	2.5	1.7	1.3
Ace-Hi Sulfaquinoxaline Mixture in Ace-Hi Quik Gro Mash	G	23.0	5.0	4.0	9.0
	F	<u>21.4</u>	9.4	2.7	7.5
Ace-Hi Sulfaquinoxaline Mixture in Ace-Hi Quik Gro Mash	G	23.0	5.0	4.0	9.0
	F	23.0	8.0	2.5	7.4
Ace-Hi Sulfaquinoxaline Mixture in Ace-Hi Quik Gro Mash	G	23.0	5.0	4.0	9.0
	F	<u>21.3</u>	9.7	2.7	7.3
Ace-Hi Vitatone Conditioner Kracketts (For Poultry and Turkeys)	G	20.0	3.5	7.0	11.0
	F	20.2	3.1	3.6	9.2
Ace-Hi Vitatone Conditioner Kracketts (For Poultry and Turkeys)	G	20.0	3.5	7.0	11.0
	F	19.8	8.0	4.0	6.7
Ace-Hi Vitatone Conditioner Kracketts (For Poultry and Turkeys)	G	20.0	3.5	7.0	11.0
	F	20.7	7.5	4.2	10.2
Ace-Hi Vitatone Conditioner Kracketts (For Poultry and Turkeys)	G	20.0	3.5	7.0	11.0
	F	<u>19.1</u>	7.3	4.0	11.4
Big Feeder Kracketts (with 3% Oyster Shell, 2% Granite Grit)	G	16.0	3.0	6.0	10.0
	F	16.6	4.6	3.6	<u>10.5</u>
Big Feeder Kracketts (with 3% Oyster Shell, 2% Granite Grit)	G	16.0	3.0	6.0	12.0
	F	17.4	4.6	3.5	12.4
Big Feeder Kracketts (with 3% Oyster Shell, 2% Granite Grit)	G	16.0	3.0	6.0	12.0
	F	16.9	4.3	3.8	6.9
Big Feeder Kracketts (with 3% Oyster Shell, 2% Granite Grit)	G	16.0	3.0	6.0	12.0
	F	16.9	4.4	4.1	11.8
Cracked Corn	G	9.5	3.5	3.0	2.0
	F	9.6	4.0	1.4	1.3

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>S. A. Camp Cotton Oil Co.</u> <u>Shafter, California</u>					
Campco Brand Expeller Process	G	41.0	4.0	15.0	7.0
41% Protein Cottonseed Cake Meal	F	<u>37.9</u>	-	-	-
<u>Chickasha Cotton Oil Co.</u> <u>Fort Worth, Texas</u>					
Chic-O-Line Brand 41% Protein	G	41.0	3.5	14.0	-
	F	<u>39.8</u>	-	-	-
<u>Decatur Elevator Co.</u> <u>Decatur, Illinois</u>					
Illini Brand 41% Soybean Oil Meal	G	41.0	-	-	-
	F	43.3	-	-	-
Illini Brand 41% Soybean Oil Meal	G	41.0	4.0	7.0	7.5
	F	45.8	-	-	-
Illini Brand 41% Soybean Oil Meal	G	41.0	4.0	7.0	7.5
	F	43.1	5.4	5.8	6.1
<u>Fisher Flouring Mills Co.</u> <u>Seattle, Washington</u>					
Fisher's All-Age Krumbles, A	G	17.0	3.5	7.0	8.0
Complete Poultry Feed	F	18.5	4.6	5.9	6.6
Fisher's All-Age Krumbles, A	G	17.0	3.5	7.0	8.0
Complete Poultry Feed	F	18.0	4.4	6.3	7.6
Fisher's All-Age Krumbles, A	G	17.0	3.5	7.0	8.0
Complete Poultry Feed	F	18.4	4.8	6.5	7.6
Fisher's All-Age Krumbles, A	G	17.0	3.5	7.0	8.0
Complete Poultry Feed	F	19.1	4.7	6.5	7.8
Fisher's All-Age Krumbles, A	G	17.0	3.5	7.0	8.0
Complete Poultry Feed	F	18.7	-	-	-
Fisher's Broiler Finisher Krumbles	G	16.0	5.5	4.0	7.0
(Medicated)	F	16.5	<u>4.7</u>	3.3	5.7

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Fisher's Broiler Finisher Krumbles (Medicated)	G	16.0	5.5	4.0	7.0
	F	17.4	-	-	-
Fisher's Broiler Finisher Krumbles (Medicated)	G	16.0	5.5	4.0	7.0
	F	17.4	<u>5.0</u>	3.5	6.4
Fisher's Broiler Finisher Krumbles (Medicated)	G	16.0	5.5	4.0	7.0
	F	17.5	-	-	-
Fisher's Commercial Broiler and Starter Krumbles, Medicated	G	21.0	5.5	3.5	9.0
	F	<u>19.3</u>	<u>4.6</u>	<u>5.3</u>	7.4
Fisher's Commercial Broiler and Starter Krumbles, Medicated	G	21.0	5.5	3.5	9.0
	F	<u>19.2</u>	5.1	3.1	6.8
Fisher's Commercial Broiler and Starter Krumbles, Medicated	G	21.0	5.5	3.5	9.0
	F	21.0	-	-	-
Fisher's Commercial Broiler and Starter Krumbles, Medicated	G	21.0	5.5	3.5	9.0
	F	21.6	-	-	-
Fisher's Commercial Broiler and Starter Krumbles, Medicated	G	21.0	5.5	3.5	9.0
	F	21.2	<u>4.8</u>	3.2	6.8
Fisher's Developer Complete Krumbles, Medicated	G	15.0	3.5	8.5	9.0
	F	15.8	4.0	6.6	7.0
Fisher's Developer Complete Krumbles, Medicated	G	15.0	3.5	8.5	9.0
	F	16.0	4.4	6.8	7.1
Fisher's Developer Complete Krumbles, Medicated	G	15.0	3.5	8.5	9.0
	F	15.3	-	-	-
Fisher's Developer Complete Krumbles, Medicated	G	15.0	3.5	8.5	9.0
	F	16.1	-	-	-
Fisher's Laymore Complete Krumbles	G	17.0	3.5	6.0	11.0
	F	<u>15.6</u>	4.4	6.0	8.6
Fisher's Laymore Complete Krumbles	G	17.0	3.5	6.0	11.0
	F	16.8	-	-	-
Fisher's Laymore Complete Krumbles	G	17.0	3.5	6.0	11.0
	F	17.0	4.4	5.0	9.6

* G - Guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Fisher's Laymore Complete Krumbles	G	17.0	3.5	6.0	11.0
	F	17.2	-	-	-
Fisher's Laymore Complete Krumbles	G	17.0	3.5	6.0	11.0
	F	17.2	3.7	5.1	9.8
Fisher's Laymore Complete Krumbles	G	17.0	3.5	6.0	11.0
	F	17.2	-	-	-
Fisher's Laymore Complete Krumbles	G	17.0	3.5	6.0	11.0
	F	17.4	4.1	5.4	6.8
Fisher's Medicated Booster Krumbles	G	16.0	3.0	8.0	9.0
	F	17.0	-	-	-
Fisher's Medicated Booster Krumbles	G	16.0	3.0	8.0	9.0
	F	18.2	4.4	5.4	7.7
Fisher's Medicated Booster Krumbles	G	16.0	3.0	8.0	9.0
	F	17.7	-	-	-
Fisher's Savetime Chick Krumbles, Medicated	G	18.0	3.5	7.0	8.0
	F	19.6	4.8	5.2	7.9
Fisher's Savetime Chick Krumbles, Medicated	G	18.0	3.5	7.0	8.0
	F	20.9	4.9	3.3	6.1
Fisher's Savetime Chick Krumbles, Medicated	G	18.0	3.5	7.0	8.0
	F	19.4	4.6	5.4	7.1
Fisher's Savetime Chick Krumbles, Medicated	G	18.0	3.5	7.0	8.0
	F	19.1	-	-	-
Fisher's Savetime Chick Krumbles, Medicated	G	18.0	3.5	7.0	8.0
	F	18.9	-	-	-
Fisher's Savetime Chick Krumbles, Medicated	G	18.0	3.5	7.0	8.0
	F	18.1	3.9	5.0	6.3
Fisher's Scratch Pellets	G	12.0	3.5	3.5	5.0
	F	12.3	3.5	3.0	3.6
Fisher's Scratch Pellets	G	12.0	3.5	3.5	5.0
	F	11.9	3.3	3.2	4.5
Fisher's Scratch Pellets	G	12.0	3.5	3.5	5.0
	F	12.1	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Fisher's Scratch Pellets	G	12.0	3.5	3.5	5.0
	F	11.1	2.9	3.2	4.5
Fisher Terra-Medicated Krumbles	G	20.0	3.5	8.0	10.0
	F	17.7	4.2	5.3	7.3
Fisher's Two Way Scratch	G	10.0	2.0	3.0	2.5
	F	10.5	-	-	-
Fisher's Two Way Scratch	G	10.0	2.0	3.0	2.5
	F	11.0	3.5	2.2	1.6
Fisher's Two Way Scratch	G	10.0	2.0	3.0	2.5
	F	10.6	-	-	-
Fisher's Wheat Mixed Feed (with Ground Screenings not Exceeding Run of Mill or 8%)	G	15.0	4.0	9.5	6.0
	F	17.3	4.4	8.8	4.7
Fisher's Wheat Mixed Feed (with Ground Screenings not Exceeding Run of Mill or 8%)	G	15.0	4.0	9.5	6.0
	F	16.5	-	-	-
Fisher's Wheat Mixed Feed (with Ground Screenings not Exceeding Run of Mill or 8%)	G	15.0	4.0	9.5	6.0
	F	16.4	4.8	9.0	4.8
Fisher's Wheat Mixed Feed (with Ground Screenings not Exceeding Run of Mill or 8%)	G	15.0	4.0	9.5	6.0
	F	17.0	-	-	-
Fisher's Wheat Red Dog	G	15.0	4.0	4.0	4.0
	F	16.6	3.8	3.1	2.7
Fisher's Wheat Red Dog	G	15.0	4.0	4.0	4.0
	F	15.6	-	-	-
Fisher's Wheat Red Dog	G	15.0	4.0	4.0	4.0
	F	16.2	-	-	-
Fisher's Wheat Red Dog	G	15.0	4.0	4.0	4.0
	F	16.2	3.7	3.2	2.4

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>General Mills, Inc.</u>					
<u>Honolulu, Hawaii</u>					
Cracked Corn	G	9.0	3.0	2.0	2.0
	F	9.3	3.4	1.3	1.5
Cracked Corn	G	9.0	3.0	2.0	2.0
	F	7.8	4.2	1.7	1.3
Cracked Corn	G	9.0	3.0	2.0	2.0
	F	8.9	3.8	1.6	1.3
Dienstrol Diacetate Mix in Sure-roaster 16 (NCB-AGS), Medicated	G	16.0	2.5	3.0	6.0
	F	16.4	3.7	2.4	4.7
Larro Medicated Poultry Surelift	G	27.5	5.5	3.5	7.0
	F	28.3	5.7	2.6	7.2
Larro Medicated Poultry Surelift	G	27.5	5.5	3.5	7.0
	F	28.3	5.9	3.1	6.2
Larro Medicated Poultry Surelift	G	27.5	5.5	3.5	7.0
	F	29.9	5.5	3.2	6.8
Larro Medicated Poultry Surelift	G	27.5	5.5	3.5	7.0
	F	28.8	5.8	3.1	7.3
Larro Medicated Surestart (AGS)	G	19.0	4.0	2.5	-
	F	20.5	6.2	2.3	5.3
Larro Medicated Surestart (AGS)	G	19.0	4.0	2.5	7.0
	F	20.3	3.6	1.7	5.3
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	9.7	3.0	1.7	1.4
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	10.8	2.7	1.9	1.3
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	10.5	2.9	1.7	0.9
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	10.4	2.6	1.7	1.4

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	11.4	2.8	1.9	1.4
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	9.6	3.3	1.7	1.5
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	10.1	2.5	2.3	1.1
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	9.9	3.0	2.9	1.4
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	9.5	2.5	1.8	1.1
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	9.5	2.9	1.9	1.3
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	9.6	3.4	2.0	1.4
Larro Scratch Grains	G	9.5	2.0	4.0	2.0
	F	9.7	3.0	1.9	1.5
Larro Sureall	G	16.0	4.0	7.5	10.0
	F	17.1	4.7	5.9	8.7
Larro Sureall	G	16.0	4.0	7.5	10.0
	F	21.2	4.9	5.1	8.5
Larro Sureall	G	16.0	3.5	7.5	10.0
	F	16.6	4.5	5.1	9.2
Larro Sureall	G	16.0	3.5	7.5	10.0
	F	17.8	5.4	5.6	8.3
Larro Sureall	G	16.0	3.5	7.5	10.0
	F	16.8	5.0	5.6	8.7
Larro Sureall	G	16.0	4.0	7.5	10.0
	F	16.4	4.3	4.7	8.7
Larro Surebroiler Caponette 20 (NCB-AGS), Medicated	G	20.0	2.0	3.0	6.5
	F	21.3	3.6	3.0	6.0

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Larro Surebroiler Finisher 20-N	G	20.0	5.0	2.5	5.0
(AGS-GC) Medicated	F	21.0	6.1	2.7	5.7
Larro Surebroiler Finisher 20-N	G	20.0	5.0	2.5	6.0
(AGS-GC) Medicated	F	21.1	6.1	2.7	6.5
Larro Surebroiler Finisher 20-N	G	20.0	5.0	2.5	6.0
(AGS-GC) Medicated	F	20.8	5.7	2.8	4.5
Larro Surebroiler Finisher 23	G	23.0	6.5	3.0	6.0
(AGS-GC) Medicated	F	24.4	6.1	2.9	5.9
Larro Surebroiler Finisher 23	G	23.0	6.5	3.0	6.0
(AGS-GC) Medicated	F	23.8	6.9	3.0	6.0
Larro Surebroiler Finisher 23	G	23.0	6.5	3.0	6.0
(AGS-GC) Medicated	F	26.3	6.6	2.8	5.8
Larro Surebroiler Starter	G	23.5	3.0	3.0	6.0
(NCB-AGS) Medicated	F	25.4	5.7	2.5	5.7
Larro Surebroiler Starter 23	G	23.0	6.0	3.0	6.0
(ZOL) Medicated	F	23.1	8.8	2.7	6.3
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-GC) Medicated	F	26.7	6.6	2.5	6.4
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-GC) Medicated	F	26.1	6.9	2.6	6.0
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-GC) Medicated	F	27.9	6.9	1.1	6.0
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-GC) Medicated	F	28.8	6.7	2.4	5.9
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-GC) Medicated	F	27.0	6.5	<u>3.2</u>	5.8
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-GC) Medicated	F	28.7	7.0	2.3	6.0
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-GC) Medicated	F	27.0	6.7	2.9	5.9
Larro Surebroiler Starter 26	G	26.0	6.5	2.5	6.0
(AGS-NCB) Medicated	F	26.3	6.4	2.6	5.9

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
Larro Surebroiler Surelift	G	23.0	6.5	3.0	4.0
(NFZ) Medicated	F	<u>22.1</u>	6.7	3.3	<u>5.1</u>
Larro Surechick (NCB-AGS)	G	20.0	2.5	5.0	9.0
Medicated	F	20.5	3.2	3.9	6.1
Larro Surechick (NCB-AGS)	G	20.0	2.5	5.0	9.0
Medicated	F	21.1	3.1	3.7	5.7
Larro Surechick (NCB-AGS)	G	20.0	2.5	4.5	9.0
Medicated	F	20.1	3.6	3.1	7.7
Larro Surechick (NCB-AGS)	G	20.0	4.0	5.0	9.0
Medicated	F	20.1	<u>3.0</u>	3.1	6.0
Larro Surechick (ZOL) Medicated	G	20.0	2.5	5.0	9.0
	F	20.5	3.6	3.2	9.4
Larro Suregrow Complete	G	16.0	4.5	6.0	9.0
	F	16.0	5.1	5.0	5.7
Larro Suregrow Complete	G	16.0	4.5	6.0	9.0
	F	<u>15.1</u>	4.8	4.9	5.8
Larro Suregrow Complete	G	16.0	4.5	6.0	9.0
	F	<u>14.9</u>	5.8	3.9	7.7
Larro Suregrow Complete (NCB)	G	14.0	2.5	6.0	9.0
Medicated	F	14.7	3.7	4.2	7.5
Larro Suregrow Complete (NCB)	G	14.0	2.5	6.0	9.0
Medicated	F	14.9	3.7	4.4	5.7
Larro Suregrow Complete (NCB)	G	14.0	4.0	6.0	9.0
Medicated	F	15.1	4.6	4.6	5.4
Larro Suregrow Complete (NCB)	G	14.0	4.0	6.0	9.0
Medicated	F	15.0	5.4	4.4	5.1
Larro Suregrow Complete (NCB)	G	14.0	4.0	5.5	9.0
Medicated	F	14.0	3.7	4.5	5.5
Larro Surelay Cage 16%	G	16.0	4.0	7.0	11.0
	F	16.1	4.6	4.1	11.0
Larro Surelay Cage 16%	G	16.0	4.0	7.0	11.0
	F	16.5	5.2	4.9	9.3

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Larro Surelay Cage 16%	G	16.0	4.0	7.0	11.0
	F	15.8	4.4	4.4	10.7
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated	G	16.0	2.5	5.0	12.5
	F	15.9	3.4	4.0	8.9
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated	G	16.0	4.0	5.0	12.5
	F	<u>14.1</u>	<u>3.5</u>	2.8	7.3
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	16.5	4.0	3.2	10.8
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	17.0	4.0	3.0	10.5
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	17.6	4.1	3.6	10.5
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	15.9	4.1	2.9	11.1
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	16.0	4.2	3.2	8.2
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	17.0	4.5	3.7	10.4
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	16.7	4.8	3.1	10.8
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	17.5	5.0	3.1	<u>13.4</u>
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	17.0	4.5	3.7	10.4

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	17.2	3.9	2.9	12.5
Larro Surelay Complete "H. E." (0.00275 FRZ), Medicated with 2% Granite Grit	G	16.0	4.0	5.0	12.5
	F	17.5	3.8	3.2	12.8
Larro Surepigeon	G	14.0	2.0	3.5	2.0
	F	<u>13.1</u>	2.8	2.6	1.7
Larro Surepigeon	G	14.0	2.0	3.5	2.0
	F	<u>13.3</u>	2.8	3.1	2.0
Larro Surepigeon	G	14.0	2.0	3.5	2.0
	F	15.4	2.4	3.8	2.1
Larro Surepoult (SQ), Medicated	G	24.0	3.0	6.0	10.5
	F	<u>23.5</u>	4.1	4.2	7.3
Larro Suretasty 22%	G	22.0	2.5	15.0	10.0
	F	23.2	3.1	11.9	7.3
Larro Sureturk Finisher Complete 16	G	16.0	3.0	5.5	7.5
	F	17.2	5.3	3.8	6.2
Wheat Mixed Feed with Ground Grain Screenings not Exceeding Run of Mill	G	13.0	3.0	9.0	6.0
	F	15.5	3.8	7.7	3.1
Wheat Mixed Feed with Ground Grain Screenings not Exceeding Run of Mill	G	13.0	3.0	9.0	6.0
	F	14.2	3.5	7.9	-
Wheat Mixed Feed with Ground Grain Screenings not Exceeding Run of Mill	G	13.0	3.0	9.0	6.0
	F	18.2	4.7	7.9	4.5
Wheat Mixed Feed with Ground Grain Screenings not Exceeding Run of Mill	G	13.0	3.0	9.0	6.0
	F	16.4	4.2	7.1	4.0

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Wheat Mixed Feed with Ground Grain	G	13.0	3.0	9.0	6.0
Screenings not Exceeding Run of Mill	F	17.2	4.1	8.3	4.5
Wheat Mixed Feed with Ground Grain	G	13.0	3.0	8.5	6.0
Screenings Not to Exceed Run of Mill (and in No Case to Exceed 8%)	F	13.3	3.3	7.3	4.4
Wheat Mixed Feed with Ground Grain	G	13.0	3.0	9.0	6.0
Screenings Not to Exceed Run of Mill (and in No Case to Exceed 8%)	F	16.3	4.3	8.7	4.7
Wheat White Middlings	G	13.0	3.0	4.0	5.0
	F	14.6	3.7	3.0	2.5
Wheat White Middlings	G	13.5	3.0	4.0	5.0
	F	15.9	3.9	3.4	2.6

Glesby's Bros. Grain and Milling Co., Inc.
Monrovia, California

Glesby's Diamond Brand 20% Baby Chick Starter Mash, Medicated	G	20.0	4.5	5.0	7.5
	F	21.2	5.3	4.5	7.0
Glesby's Diamond Brand 20% Baby Chick Starter Mash, Medicated	G	20.0	4.5	5.0	7.5
	F	21.4	-	-	-
Glesby's Diamond Brand 20% Broiler and Fryer Mash, Medicated	G	20.0	4.5	3.5	7.5
	F	19.7	5.8	2.5	6.2
Glesby's Diamond Brand 20% Broiler and Fryer Mash, Medicated	G	20.0	4.5	3.5	7.5
	F	19.9	-	-	-
Glesby's Diamond Brand 20% Broiler and Fryer Mash, Medicated	G	20.0	4.5	3.5	7.5
	F	20.4	4.5	3.5	5.7
Glesby's Diamond Brand Chick Pre-Starter Mash, Medicated	G	22.0	4.5	3.5	7.5
	F	23.8	4.9	2.7	6.0
Glesby's Diamond Brand Chick Pre-Starter Mash, Medicated	G	22.0	4.5	3.5	7.5
	F	23.4	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Glesby's Diamond Brand Complete	G	17.0	3.5	6.0	13.5
Laying Mash, Krumpellets	F	17.4	3.8	3.2	11.9
Glesby's Diamond Brand Complete	G	17.0	3.5	6.0	13.5
Laying Mash with 2% Chick Shell and 2% Granite Grit	F	17.0	3.6	4.0	10.6
Glesby's Diamond Brand Complete	G	17.0	3.5	6.0	13.5
Laying Mash with 2% Chick Shell and 2% Granite Grit	F	17.8	-	-	-
Glesby's Diamond Brand Complete	G	17.0	3.5	6.0	13.5
Laying Mash with 3% Chick Shell and 2% Granite Grit	F	<u>15.5</u>	4.7	3.3	9.3
Glesby's Diamond Brand CRD Tone- up Feed for Broilers - Fryers	G	20.0	4.5	3.5	7.5
and Replacement Pullets, Medicated	F	19.6	5.8	2.6	7.4
Glesby's Diamond Brand CRD Tone- up Feed for Broilers - Fryers	G	20.0	4.5	3.5	7.5
and Replacement Pullets, Medicated	F	20.3	-	-	-
Glesby's Diamond Brand Pullet Developer Mash, Medicated	G	14.0	3.0	9.0	9.5
	F	14.3	4.4	5.4	8.9
Glesby's Diamond Brand Pullet Developer Mash, Medicated	G	14.0	3.0	9.0	9.5
	F	15.4	-	-	-
<u>Hawaiian Grain Corporation</u>					
<u>Honolulu, Hawaii</u>					
44% Solvent Extracted Soybean Oil Meal	G	44.0	0.5	7.0	7.0
	F	44.8	1.7	3.5	6.5
44% Solvent Extracted Soybean Oil Meal	G	44.0	0.5	7.0	7.0
	F	46.1	-	-	-
44% Solvent Extracted Soybean Oil Meal	G	44.0	0.5	7.0	7.0
	F	45.9	-	-	-
44% Solvent Extracted Soybean Oil Meal	G	44.0	0.5	7.0	7.0
	F	45.3	1.6	5.3	6.6
44% Solvent Extracted Soybean Oil Meal	G	44.0	0.5	7.0	7.0
	F	46.1	1.1	6.2	6.2

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>Hawaiian Tuna Packers, Ltd.</u>					
<u>Honolulu, Hawaii</u>					
Fish Meal	G	60.0	5.0	2.0	25.0
	F	70.2	-	-	-
Fish Meal	G	58.0	5.0	2.0	25.0
	F	58.0	12.4	0.8	19.5
<u>The Kansas Soya Products Co., Inc.</u>					
<u>Emporia, Kansas</u>					
Soybean Oil Meal	G	44.0	0.5	7.0	6.0
	F	46.0	1.4	5.6	6.1
<u>Kingsburg Cotton Oil Co.</u>					
<u>Kingsburg, California</u>					
Chuck Wagon Brand 41% Protein	G	41.0	3.5	14.0	7.0
Cottonseed Cake-Meal-Pellets	F	41.4	4.5	12.0	6.0
<u>Liberty Vegetable Oil Co.</u>					
<u>Norwalk, California</u>					
43% Protein Soybean Oil Meal	G	43.0	4.0	7.0	8.0
	F	43.8	5.0	4.9	6.0
<u>M. F. A. Grain and Feed Division</u>					
<u>St. Joseph, Missouri</u>					
M. F. A. 41% Expeller Soybean Oil	G	41.0	3.5	7.0	-
Meal	F	44.6	5.2	7.0	6.2
<u>Mississippi Oil Mills, Inc.</u>					
<u>Magnolia Plant</u>					
<u>Magnolia, Mississippi</u>					
Magnolia Soy Bean Meal	G	-	-	-	-
	F	45.8	3.3	6.6	6.3

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>National Biscuit Company</u>					
<u>Cheney, Washington</u>					
Wheat Mixed Feed	G	12.0	3.5	9.5	6.0
	F	14.4	3.9	8.1	3.9
<u>Philippine Corn Products Co.</u>					
<u>Cebu, Philippines</u>					
Corn Gluten Feed	G	21.0	1.5	7.0	6.0
	F	26.0	10.4	7.5	1.1
Corn Gluten Feed	G	21.0	1.5	7.0	6.0
	F	24.7	5.2	6.1	1.2
<u>Philippine Refining Company, Inc.</u>					
<u>Manila, Philippines</u>					
Phil Reco Brand 20% Protein Copra Oil Meal Pellets	G	20.0	-	-	-
	F	22.3	-	-	-
Phil Reco Brand 20% Protein Copra Oil Meal Pellets	G	20.0	5.5	12.0	8.0
	F	20.9	6.9	11.7	7.5
Phil Reco Brand 20% Protein Copra Oil Meal Pellets	G	20.0	5.5	12.0	8.0
	F	21.6	-	-	-
Phil Reco Brand 20% Protein Copra Oil Meal Pellets	G	20.0	5.5	12.0	8.0
	F	21.5	-	-	-
Phil Reco Brand 20% Protein Copra Oil Meal Pellets	G	20.0	5.5	12.0	8.0
	F	20.8	7.1	10.0	7.7
Phil Reco Brand 20% Protein Copra Oil Meal Pellets	G	20.0	5.5	12.0	8.0
	F	19.8	7.3	10.5	7.9
<u>The Pillsbury Company</u>					
<u>Clinton, Iowa</u>					
Pillsbury's Best All Mash Egg Food Pellets	G	16.0	3.0	7.5	9.5
	F	17.8	-	-	-
Pillsbury's Best All Purpose Mash	G	16.0	2.5	9.0	9.0
	F	16.9	4.4	7.4	7.7

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Protein Composition			
		Protein	Fat	Fiber	Ash
Pillsbury's Best 4X Broiler Mash (AG 6)	G	23.0	5.0	4.0	7.5
	F	22.8	5.9	2.6	5.1
Pillsbury Best Chick Scratch Feed	G	9.0	2.0	4.5	2.5
	F	9.9	-	-	-
<u>The Quaker Oats Company</u> <u>Chicago, Illinois</u>					
Ful-O-Pep Broiler Mash (U) M	G	22.0	5.0	3.5	9.0
	F	23.0	7.8	2.8	7.4
Ful-O-Pep Broiler Mash (U) M	G	22.0	5.0	3.5	9.0
	F	22.1	7.5	3.3	8.3
Ful-O-Pep Broiler Mash (U) M	G	22.0	5.0	3.5	9.0
	F	23.0	-	-	-
Ful-O-Pep Broiler Mash (U) M	G	22.0	5.0	3.5	9.0
	F	21.8	5.5	2.3	5.2
Ful-O-Pep Cage Layer Ration M	G	16.0	4.0	5.0	10.0
	F	16.7	4.5	4.3	10.1
Ful-O-Pep Cage Layer Ration M	G	16.0	4.0	5.0	10.0
	F	17.9	-	-	-
Ful-O-Pep Cage Layer Ration M	G	16.0	4.0	5.0	10.0
	F	16.6	4.2	4.0	9.6
Ful-O-Pep Chick Starter (BC) M	G	20.0	4.0	6.5	8.5
	F	18.5	5.5	4.3	7.1
Ful-O-Pep Chick Starter (BC) M	G	20.0	4.0	6.5	8.5
	F	20.1	4.3	5.5	7.7
Ful-O-Pep Creep Feed for Calves M with 15% Oat Mill By-Product	G	14.0	3.0	11.0	9.0
	F	15.4	3.9	10.1	8.4
Ful-O-Pep Growing Mash M	G	19.0	3.5	8.0	9.5
	F	20.4	6.5	5.9	10.3
Ful-O-Pep Growing Mash M	G	19.0	3.5	8.0	9.5
	F	18.5	6.1	7.6	9.8
Ful-O-Pep Medicated Broiler Bracer (C2D1) M	G	23.0	7.0	3.0	-
	F	23.5	6.9	3.3	4.3

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Ful-O-Pep Pullet Developer (BC)	G	11.0	2.0	18.0	9.5
M with 35% Oat Mill By-Product, Medicated	F	13.0	-	-	-
Ful-O-Pep Pullet Developer (BC)	G	11.0	2.0	18.0	9.5
M with 35% Oat Mill By-Product, Medicated	F	11.5	5.3	15.4	8.8
Ful-O-Pep Pullet Developer M	G	11.0	2.0	18.0	9.5
	F	11.8	4.7	13.6	9.4
Ful-O-Pep Pullet Developer M	G	11.0	2.0	18.0	9.5
with 35% Oat Mill By-Product	F	12.8	5.1	12.0	9.4
Ful-O-Pep Pullet Developer M	G	11.0	2.0	18.0	9.5
with 35% Oat Mill By-Product	F	12.6	4.9	12.9	8.5
Ful-O-Pep Scratch Grains for Hawaii M	G	8.5	2.5	3.5	3.0
	F	8.3	4.0	2.2	1.5
Ful-O-Pep Scratch Grains for Hawaii M	G	8.5	2.5	3.5	3.0
	F	9.8	3.2	2.0	1.6
<u>Ralston Purina Co.</u> <u>St. Louis, Missouri</u>					
Purina of Broiler Chow Finisher (D) UN, Medicated	G	20.0	4.5	4.5	7.0
	F	21.8	-	-	-
Purina of Broiler Chow Finisher (G) UN, Medicated	G	20.0	4.5	4.5	7.0
	F	22.8	<u>3.7</u>	3.3	5.3
Purina of Broiler Chow Finisher (G) UN, Medicated	G	20.0	4.5	4.5	7.0
	F	21.8	-	-	-
Purina of Broiler Chow Starter (D) UN, Medicated	G	23.0	4.5	5.0	8.0
	F	24.8	-	-	-
Purina of Broiler Chow Starter (G) UN, Medicated	G	23.0	4.5	5.0	8.0
	F	23.8	-	-	-
Purina Chick Growena (A) UN, Medicated	G	17.0	3.0	7.0	7.0
	F	18.1	3.9	4.8	5.7

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
Purina Chick Growena (A) UN, Medicated	G	17.0	3.0	7.0	7.0
	F	18.3	-	-	-
Purina Chick Startena (W) UN, Medicated	G	20.0	2.5	7.0	7.0
	F	20.7	3.9	4.8	5.4
Purina Chick Startena (W) UN, Medicated	G	20.0	2.5	7.0	7.0
	F	21.2	-	-	-
Purina Flock Chow 16% D	G	16.0	3.5	6.5	11.0
	F	17.6	4.4	4.4	7.2
Purina Flock Chow 16% D	G	16.0	3.5	6.5	11.0
	F	17.2	4.3	3.6	9.3
Purina Flock Chow 16% D	G	16.0	3.5	6.5	11.0
	F	16.9	-	-	-
Purina Flock Chow 16% D	G	16.0	3.5	6.5	11.0
	F	17.0	5.0	4.2	9.4
Purina Game Bird Growena	G	20.0	3.0	7.0	9.0
	F	21.4	-	-	-
Purina Game Bird Growena	G	20.0	3.0	7.0	9.0
	F	20.2	3.7	5.2	8.6
Purina Game Bird Growena	G	20.0	3.0	7.0	9.0
	F	19.7	3.9	5.1	7.6
Purina Game Bird Growena	G	20.0	3.0	7.0	9.0
	F	21.4	-	-	-
Purina Omolene	G	10.0	3.0	9.0	6.0
	F	10.6	3.3	7.2	3.9
Purina Omolene	G	10.0	3.0	9.0	6.0
	F	11.3	-	-	-
Purina Omolene	G	10.0	3.0	9.0	6.0
	F	11.0	3.0	6.8	4.2
Purina Pullet Developer D	G	13.0	2.5	8.5	7.0
	F	13.9	4.1	4.9	6.4

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>San Joaquin Cotton Oil Co.</u>					
<u>Chowchilla, California</u>					
Paymaster Brand 41% Degossypolized	G	41.0	3.5	15.0	7.0
Cottonseed Meal Prime Quality -	F	39.7	4.1	13.8	6.0
Made from Cottonseed					
Paymaster Brand 41% Degossypolized	G	41.0	3.5	15.0	7.0
Cottonseed Meal Prime Quality -	F	43.1	-	-	-
Made from Cottonseed					
Paymaster Brand 41% Protein	G	41.0	-	-	-
Degossypolized Cottonseed Meal -	F	39.4	-	-	-
Made from Cottonseed					
Paymaster Brand 41% Protein	G	41.0	3.5	15.0	7.0
Degossypolized Cottonseed Meal -	F	40.7	4.2	12.4	7.4
Made from Cottonseed					
<u>Spencer Kellogg and Sons, Inc.</u>					
<u>Long Beach, California</u>					
Spencer Kellogg's 40% Protein	G	40.0	3.5	13.0	7.0
Prime Quality Cottonseed Cake -	F	42.4	4.1	12.2	6.3
Meal					
Spencer Kellogg's 40% Protein	G	40.0	3.5	13.0	7.0
Prime Quality Cottonseed Cake -	F	42.4	4.3	11.5	6.5
Meal					
<u>Trenton Cotton Oil Co.</u>					
Trenton Brand 45% Protein Soybean	G	45.0	4.0	7.0	-
Oil Meal Prime Quality Expeller	F	46.1	6.3	6.7	6.5
Type					
<u>Triangle Milling Co.</u>					
<u>Portland, Oregon</u>					
Triangle 4 Grain Scratch Feed	G	8.0	2.0	4.0	3.0
	F	10.8	3.2	2.7	2.8

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>Vegetable Oil Products Co., Inc.</u>					
<u>Gilbert, Arizona</u>					
Sun Ripe Brand 41% Protein Cotton-seed Meal	G	41.0	4.0	14.0	7.0
	F	43.1	-	-	-
<u>Fred L. Waldron, Ltd.</u>					
<u>Honolulu, Hawaii</u>					
Cracked Corn	G	8.0	3.0	2.0	1.5
	F	9.0	-	-	-
Cracked Corn.	G	8.0	3.0	2.0	1.5
	F	8.7	-	-	-
Cracked Corn	G	8.0	3.0	2.0	1.5
	F	9.0	4.1	1.9	1.3
Waldron's Custom Mix Feed	G	16.0	3.5	5.0	11.0
	F	16.1	4.3	5.7	14.2
Waldron's Custom Mix Feed	G	16.0	3.5	5.0	11.0
	F	18.2	4.9	4.5	11.0
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	16.6	4.8	4.1	12.6
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	15.8	5.0	4.1	13.3
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	16.6	4.4	4.3	10.8
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	16.1	5.0	4.1	10.1
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	17.0	4.4	4.0	13.8

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.9	4.2	4.0	<u>11.5</u>
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.2	-	-	-
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.7	4.5	4.0	<u>14.1</u>
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.4	-	-	-
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	15.9	4.8	4.4	9.7
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.4	5.0	4.4	9.8
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.0	5.3	4.7	<u>11.5</u>
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	17.3	5.0	3.9	<u>12.0</u>
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.1	4.5	4.5	<u>14.8</u>
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	18.4	4.4	4.5	<u>12.1</u>
Waldron's Peerless All Mash Egg	G	16.0	3.5	5.0	11.0
Food (with Shell and 1.5% Granite Grit), Medicated	F	16.8	4.2	4.5	<u>14.2</u>

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	18.0	4.8	4.8	<u>13.3</u>
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	14.0
	F	16.2	4.8	4.1	10.7
Waldron's Peerless All Mash Egg Food (with Shell and 1.5% Granite Grit)	G	16.0	3.5	5.0	14.0
	F	17.4	4.0	3.8	12.0
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	<u>15.2</u>	3.9	4.4	7.5
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	17.1	<u>2.1</u>	4.5	7.6
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	16.6	4.6	4.8	8.4
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	16.3	4.6	4.5	7.8
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	16.5	3.9	4.3	7.2
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	15.8	4.0	3.7	6.8
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	16.0	3.8	4.3	8.2
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	16.8	-	-	-
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	16.2	3.8	4.3	7.2
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	17.1	4.3	5.1	7.9
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	17.7	4.0	5.0	9.0

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Waldron's Peerless All Purpose Mash	G	16.0	3.5	5.5	9.0
	F	16.1	3.8	4.1	5.7
Waldron's Peerless Battery Laying Ration for Cage Layers (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	<u>15.4</u>	3.8	3.6	<u>14.6</u>
Waldron's Peerless Battery Laying Ration for Cage Layers (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	16.2	-	-	-
Waldron's Peerless Battery Laying Ration for Cage Layers (with Shell and 1.5% Granite Grit), Medicated	G	16.0	3.5	5.0	11.0
	F	17.4	4.0	3.8	10.8
Waldron's Peerless Broiler Finisher, Medicated	G	20.0	8.0	3.5	6.5
	F	20.1	-	-	-
Waldron's Peerless Broiler Finisher, Medicated	G	20.0	8.0	3.5	6.5
	F	22.0	-	-	-
Waldron's Peerless Broiler-Fryer Ration, Medicated	G	23.5	7.5	3.8	6.5
	F	25.1	-	-	-
Waldron's Peerless Broiler-Fryer Ration, Medicated	G	23.5	7.5	3.8	6.5
	F	23.1	<u>5.3</u>	3.7	<u>8.0</u>
Waldron's Peerless Cage Layer Ration (with Shell and 1.5% Granite Grit)	G	16.0	3.5	5.0	12.5
	F	16.8	4.1	4.1	<u>13.3</u>
Waldron's Peerless Dual Purpose Grow Lay Food	G	16.0	3.5	5.5	9.0
	F	17.4	-	-	-
Waldron's Peerless Dual Purpose Grow Lay Food	G	16.0	3.5	5.5	9.0
	F	16.2	4.2	4.5	8.7
Waldron's Peerless Growing Pullet Food (with 1.5% Granite Grit), Medicated	G	16.5	4.0	5.0	8.0
	F	16.3	4.3	3.6	7.0

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Waldron's Peerless Growing Pullet Food (with 1.5% Granite Grit), Medicated	G	16.5	4.0	5.0	8.0
	F	17.4	-	-	-
Waldron's Peerless Growing Pullet Food (with 1.5% Granite Grit), Medicated	G	16.5	4.0	5.0	8.0
	F	17.3	-	-	-
Waldron's Peerless Growing Pullet Food (with 1.5% Granite Grit), Medicated	G	16.5	4.0	5.0	8.0
	F	16.6	5.0	4.3	7.7
Waldron's Peerless Growing Pullet Food (with 1.5% Granite Grit), Medicated	G	16.5	4.0	5.0	8.0
	F	17.7	4.4	4.3	7.3
Waldron's Peerless Growing Pullet Food (with 1.5% Granite Grit), Medicated	G	16.0	4.0	5.0	8.0
	F	18.1	4.7	4.7	7.8
Waldron's Peerless Growing Pullet Food (with 1.5% Granite Grit), Medicated	G	16.0	4.0	5.0	8.0
	F	18.2	4.0	4.2	7.7
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	20.6	4.9	4.1	5.7
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	19.7	4.5	4.6	6.3
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	19.6	7.5	4.2	6.2
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	18.7	4.7	3.8	5.7
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	20.9	-	-	-
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	20.0	4.9	3.9	6.5
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	21.3	4.2	4.2	5.9

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	20.6	-	-	-
Waldron's Peerless Master Chick Mash, Medicated	G	20.0	4.0	4.5	7.5
	F	22.8	4.6	4.3	6.8
Waldron's Peerless Scratch Feed 50-50	G	9.0	2.5	3.5	4.0
	F	9.3	4.0	2.3	1.5
Waldron's Peerless Scratch Feed 50-50	G	9.0	2.5	3.5	4.0
	F	11.0	3.4	2.0	4.1
Waldron's Peerless Scratch Feed 50-50	G	9.0	2.5	3.5	4.0
	F	11.5	-	-	-
Waldron's Peerless Scratch Feed 50-50	G	9.0	2.5	3.5	4.0
	F	10.7	3.1	1.9	1.8

CATTLE FEEDS

Albers Milling Company Los Angeles, California

Albers Beefys 12	G	12.0	-	-	-
	F	17.0	-	-	-
Albers Beefys 16	G	16.0	-	-	-
	F	18.7	-	-	-
Albers Beefys 16 Pellets with 20% Refuse Mixed Screenings	G	16.0	-	-	-
	F	19.2	-	-	-
Albers Beefys 32	G	32.0	2.0	12.0	12.0
	F	<u>28.2</u>	2.4	5.6	10.6
Albers Beefys 32 with 15% Salt	G	32.0	-	-	-
	F	32.4	-	-	-
Albers Beefys 32 with 15% Salt	G	32.0	2.0	10.0	25.0
	F	35.0	4.0	3.8	24.8
Albers Beefys 32 with 15% Salt	G	32.0	2.0	10.0	25.0
	F	33.9	3.6	3.5	24.0

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Beefys 32 with 30% Refuse Mixed Screenings	G	32.0	-	-	-
	F	34.1	-	-	-
Albers Cattle-Fattener 12	G	12.0	-	-	-
	F	11.9	-	-	-
Albers Cattle-Fattener 12	G	12.0	3.0	12.0	10.0
	F	12.1	4.4	7.3	8.2
Albers Cattle-Fattener 12	G	12.0	3.0	12.0	10.0
	F	12.4	4.2	11.5	6.3
Albers Cattle-Fattener 12	G	12.0	3.0	12.0	10.0
	F	11.8	4.2	7.4	6.7
Albers Creep Feed with Calf Manna	G	20.0	-	-	-
	F	<u>19.4</u>	-	-	-
Albers Creep Feed with Calf Manna	G	20.0	3.5	7.0	8.0
	F	<u>18.7</u>	3.2	3.5	7.6
Albers Creep Feed with Calf Manna	G	20.0	3.5	7.0	8.0
	F	20.5	3.6	4.5	8.1
Albers Creep Feed with Calf Manna	G	20.0	3.5	7.0	8.0
	F	20.8	3.5	4.3	7.9
Albers Creep Feed with Calf Manna	G	20.0	3.5	7.0	8.0
	F	<u>17.2</u>	3.2	5.3	<u>8.6</u>
Albers Ground Barley	G	10.0	-	-	-
	F	13.6	-	-	-
Albers Hayfers	G	15.0	1.5	30.0	12.0
	F	16.4	-	-	-
Albers Milk Flo 20 Mash	G	20.0	5.0	9.0	12.0
	F	23.3	-	-	-
Albers Milk Flo 20 Mash	G	20.0	5.0	9.0	12.0
	F	<u>18.4</u>	<u>4.0</u>	4.8	8.9
Albers Milk Flo 20 Pellets	G	20.0	4.0	9.0	12.0
	F	<u>18.7</u>	3.5	6.2	10.2

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Ground Milo	G	10.0	-	-	-
	F	10.0	-	-	-
Standard Rolled Barley	G	9.0	2.0	7.0	4.0
	F	13.2	2.6	3.9	2.1
Standard Rolled Barley	G	9.0	2.0	7.0	4.0
	F	12.9	2.4	3.3	2.2
Standard Rolled Barley	G	9.0	-	-	-
	F	13.8	-	-	-
Standard Rolled Barley	G	9.0	2.0	7.0	4.0
	F	13.7	2.2	3.6	2.1
<u>Associated Dehydrating Corp.</u>					
Vernalfa Brand Alfalfa Meal and Molasses	G	13.0	1.5	30.0	10.0
	F	14.4	2.8	21.7	8.6
<u>Beckley Feed Co.</u> <u>Linden, California</u>					
20% Dairy Feed	G	-	-	-	-
	F	19.6	-	-	-
Star Beef Ration Complete Dry Lot Ration No. 4	G	10.3	2.0	11.0	7.0
	F	12.3	2.8	8.9	6.3
Star Beef Ration Complete Dry Lot Ration No. 4	G	10.3	2.0	11.0	7.0
	F	12.6	-	-	-
Star Beef Ration Complete Dry Lot Ration No. 4	G	10.3	2.0	11.0	7.0
	F	12.2	2.1	10.0	5.3
Star Free Choice Range Supplement "F"	G	20.0	1.5	6.0	49.0
	F	17.4	-	-	-
Star Limited Barley Ration	G	7.3	1.4	4.3	2.0
	F	8.3	1.4	4.3	3.1
Star Limited Barley Ration	G	7.3	1.4	4.3	2.0
	F	7.6	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>California Milling Corporation</u> <u>Los Angeles, California</u>					
Ace-Hi Big Calf	G	17.5	3.5	9.0	10.0
	F	18.6	3.7	7.3	6.7
Ace-Hi 16% Dairy Pellet	G	16.0	3.0	10.0	10.0
	F	19.1	3.8	8.2	7.5
Ace-Hi 20% Dairy Pellet	G	20.0	3.5	10.0	10.0
	F	20.7	3.7	10.3	10.1
Ace-Hi 20% Dairy Pellet	G	20.0	3.5	10.0	10.0
	F	21.0	3.7	11.2	10.0
Ace-Hi 20% Dairy Pellet	G	20.0	3.5	10.0	10.0
	F	22.1	4.0	9.5	8.9
Ace-Hi Junior Calf	G	18.0	3.5	9.0	10.0
	F	18.6	3.2	6.8	6.0
Ace-Hi Junior Calf	G	18.0	3.5	9.0	10.0
	F	18.7	3.2	8.1	6.1
Ace-Hi Livestock Finisher for Choice Finish of Beef, Dairystock, Sheep, Goats	G	14.0	2.5	10.0	8.0
	F	15.5	2.8	6.6	5.7
Ace-Hi Livestock Finisher for Choice Finish of Beef, Dairystock, Sheep, Goats	G	14.0	2.5	10.0	8.0
	F	15.6	3.3	7.0	6.2
Ace-Hi Stock Builder Pellets	G	25.0	3.5	6.0	8.0
	F	26.4	4.1	5.5	7.1
Ace-Hi Stock Builder Pellets	G	25.0	3.5	6.0	8.0
	F	26.7	3.8	4.5	6.8
The All Purpose Stock Feed	G	10.0	2.0	7.0	6.0
	F	14.6	2.2	5.2	3.7
Blue Ribbon Dairy Feed	G	16.0	2.5	10.0	10.0
	F	16.5	2.6	7.2	10.1
Blue Ribbon Dairy Feed	G	16.0	2.5	10.0	10.0
	F	16.6	2.8	7.6	10.0

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Blue Ribbon Dairy Feed	G	16.0	2.5	10.0	10.0
	F	17.2	2.7	8.1	11.4
Dairymen's Special Dairy Mix	G	14.5	1.8	26.0	9.0
	F	13.2	2.3	19.2	8.8
Fine Ground Barley	G	8.0	1.5	7.0	3.0
	F	10.6	2.1	6.2	2.6
<u>California Packing Corp.</u> <u>Honolulu, Hawaii</u>					
Calpak Pine Bran	G	3.5	0.5	18.0	4.0
	F	4.6	-	-	-
<u>Dairymen's Feed and Supply Co-op</u> <u>Petaluma, California</u>					
Hi Energy Dairy Pellets	G	16.0	3.0	6.0	6.0
	F	17.1	3.5	6.1	6.4
Hi Energy Dairy Pellets	G	16.0	3.0	6.0	7.0
	F	15.2	3.6	6.1	4.6
<u>Farmer's Rice Growers Co-op</u> <u>West Sacramento, California</u>					
Rice Mill Run Bran	G	9.0	10.0	12.0	12.0
	F	10.5	14.1	7.4	8.8
<u>Fernando Alfalfa Milling Co.</u> <u>Lancaster, California</u>					
Alfalfa Stem Meal	G	8.5	1.5	40.0	10.0
	F	11.2	2.2	32.5	7.6
Alfalfa Stem Meal	G	8.5	1.5	40.0	10.0
	F	11.7	1.9	32.7	9.0
<u>Fisher Flouring Mills Co.</u> <u>Seattle, Washington</u>					
Fisher's Beef and Hog Fattening Pellets	G	12.0	3.5	4.0	5.0
	F	13.3	3.5	3.3	4.3

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Fisher's Dairy Ration (with Molasses)	G	16.0	3.0	10.0	8.0
	F	17.3	3.7	7.3	5.2
Fisher's Dairy Ration (with Molasses)	G	16.0	3.0	10.0	8.0
	F	16.9	3.6	7.5	7.8
Fisher's Dairy Ration (with Molasses)	G	16.0	3.0	10.0	8.0
	F	17.4	-	-	-
Fisher's Dairy Ration (with Molasses)	G	16.0	3.0	10.0	8.0
	F	17.4	3.1	7.0	8.0
Fisher's Mormilk with Molasses	G	20.0	3.5	8.0	8.0
	F	21.9	3.5	7.0	6.7
<u>Foremost Feed Company</u> <u>Honolulu, Hawaii</u>					
Foremost Beef Ration No. 2	G	9.5	1.5	15.0	6.0
	F	10.4	2.8	10.6	5.5
Foremost Beef Ration No. 2	G	9.5	1.5	15.0	6.0
	F	11.6	2.2	8.7	<u>8.8</u>
Foremost 22% Dairy Feed	G	18.0	2.5	14.0	10.5
	F	22.7	2.6	7.5	9.9
Foremost 22% Dairy Feed	G	22.0	2.5	14.0	10.5
	F	23.3	-	-	-
Foremost Dry Cow Feed with 18% Mixed Screenings	G	9.0	1.5	10.0	11.0
	F	9.4	2.1	<u>11.2</u>	9.6
Foremost Roughage	G	6.0	1.2	20.0	6.0
	F	7.4	1.9	16.7	6.2
Foremost Roughage	G	6.0	1.2	20.0	6.0
	F	9.5	1.4	19.6	<u>7.4</u>
Special Dairy Feed	G	-	-	-	-
	F	16.1	3.2	12.0	8.3

- guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>General Mills, Inc.</u> <u>Honolulu, Hawaii</u>					
Gold Medal Dairy Feed 16	G	16.0	2.5	14.0	10.5
	F	16.6	-	-	-
Ground Barley	G	9.0	1.5	6.0	3.0
	F	11.4	2.5	6.4	3.1
Larro Surecalf	G	20.0	3.0	8.0	9.0
	F	20.0	2.8	7.1	7.0
Larro Surecalf	G	20.0	3.0	8.0	9.0
	F	22.6	2.8	6.5	7.0
Larro Surecalf	G	20.0	3.0	8.0	9.0
	F	19.5	2.5	7.7	5.8
Larro Surecattle 32	G	32.0	2.0	11.0	14.0
	F	35.8	1.9	8.6	11.2
Larro Surecattle 32	G	32.0	2.0	11.0	14.0
	F	33.8	2.1	9.0	11.1
Larro Suremilk 16	G	16.0	3.0	9.5	10.0
	F	16.9	2.8	7.1	7.0
Larro Suremilk 20	G	20.0	3.0	9.5	9.0
	F	21.5	3.2	7.1	7.1
Larro Suremilk 20	G	20.0	3.0	9.5	9.0
	F	25.0	2.6	6.0	6.9
Larro Suremilk 20	G	20.0	3.0	9.5	9.0
	F	22.1	2.1	6.3	6.1
Larro Suremilk 20	G	20.0	3.0	9.5	9.0
	F	21.3	-	-	-
Larro Suremilk 20	G	20.0	3.0	9.5	9.0
	F	25.0	2.2	7.2	7.4
Larro Suremilk 24%	G	24.0	2.5	9.5	8.5
	F	25.6	2.6	8.1	7.5

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
Larro Suremilk 24%	G	24.0	2.5	9.5	8.5
	F	25.2	2.6	7.9	7.4
Larro Suremilk 24%	G	24.0	2.5	9.5	8.5
	F	25.5	2.9	7.8	7.6
Standard Rolled Barley	G	9.0	2.0	7.0	3.0
	F	9.8	2.4	4.7	2.4
Standard Rolled Barley	G	9.0	2.0	7.0	3.0
	F	11.9	2.2	4.8	2.2
<u>Hawaii Meat Company</u>					
<u>Honolulu, Hawaii</u>					
Hawaii Meat Company's 45% Protein Meat and Bone Meal	G	45.0	10.0	3.5	29.0
	F	48.7	11.2	1.1	<u>31.9</u>
<u>Hawaiian Commercial and Sugar Company, Ltd.</u>					
<u>Puunene, Maui, Hawaii</u>					
Maui Brand Dairy Feed with 9% Devitalized Refuse Screenings	G	14.0	3.0	12.0	13.0
	F	16.2	3.0	10.1	12.0
Maui Brand Dairy Feed with 9% Devitalized Refuse Screenings	G	14.0	-	-	-
	F	15.1	-	-	-
Maui Brand Dairy Feed with 9% Devitalized Refuse Screenings	G	14.0	3.0	12.0	13.0
	F	16.0	2.6	11.6	11.7
<u>Hawaiian Pineapple Company</u>					
<u>Honolulu, Hawaii</u>					
Dole Dried Pineapple Pulp and Feeding Cane Molasses	G	3.0	0.4	18.5	5.5
	F	5.0	0.9	16.3	3.0
Dole Dried Pineapple Pulp and Feeding Cane Molasses	G	3.0	0.4	18.5	5.5
	F	4.5	-	-	-
<u>Lees Carney and Company</u>					
Screening Pellets with Molasses	G	11.5	3.4	14.1	8.0
	F	<u>10.6</u>	3.4	12.8	<u>9.4</u>

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>Madera Milling Company</u> <u>California</u>					
"1700" Pel Meal Alfalfa with Animal Fat Added, Stability Increased with Butylated Hydroxyanisole	G	17.0	3.0	26.0	12.0
	F	20.3	3.4	22.2	11.4
"1700" Pel Meal Alfalfa With Animal Fat Added, Stability Increased with Butylated Hydroxyanisole	G	17.0	3.0	26.0	12.0
	F	20.1	3.4	20.3	10.6
<u>Outsen Bros. Milling Co.</u> <u>California</u>					
Outsen's Quality Rolled Barley	G	9.0	2.0	7.0	4.0
	F	9.8	-	-	-
Outsen's Quality Rolled Barley	G	9.0	2.0	7.0	4.0
	F	10.4	2.6	5.0	2.5
Outsen's Quality Rolled Barley	G	9.0	2.0	7.0	4.0
	F	10.9	-	-	-
<u>The Quaker Oats Company</u> <u>Chicago, Illinois</u>					
Ful-O-Pep Calf Ration 7	G	20.0	3.0	9.0	9.0
	F	21.7	3.8	7.7	8.4
Ful-O-Pep Calf Sup	G	21.0	7.5	0.5	-
	F	21.0	7.8	0.4	8.6
<u>Ralston Purina Company</u> <u>St. Louis, Missouri</u>					
Purina Fat Steer Chow (Complete) 12% H	G	12.0	2.0	12.0	5.0
	F	13.0	2.9	6.4	3.8
<u>Sears Alfalfa Meal Company</u> <u>Chowchilla, California</u>					
Sears Alfalfa Meal	G	17.0	1.5	28.0	12.0
	F	20.1	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Dehydrated Alfalfa Meal	G	17.0	1.5	28.0	12.0
	F	19.5	4.8	17.9	12.2
<u>Triangle Milling Company</u> <u>Portland, Oregon</u>					
Triangle Ground Barley	G	-	-	-	-
	F	9.1	2.5	9.8	5.4
<u>Fred L. Waldron, Ltd.</u> <u>Honolulu, Hawaii</u>					
Waldron's Standard Rolled Barley	G	9.0	2.0	7.0	4.0
	F	10.9	2.2	4.4	2.5
Waldron's Standard Rolled Barley	G	9.0	2.0	7.0	4.0
	F	9.8	2.4	4.3	2.5
Waldron's Standard Rolled Barley	G	9.0	2.0	7.0	4.0
	F	10.5	2.4	4.4	2.5

SWINE FEEDS

<u>Albers Milling Company</u> <u>Los Angeles, California</u>					
Albers Hog Finisher	G	14.0	-	-	-
	F	15.1	-	-	-
Albers Hog Finisher	G	14.0	3.0	6.0	10.0
	F	15.4	3.4	3.1	5.9
Albers Pig-Glo	G	22.0	4.0	2.5	9.0
	F	22.5	6.5	1.9	5.4
Albers Pig Maker, Medicated for Swine Only	G	16.0	-	-	-
	F	17.8	-	-	-
Albers Pig Maker, Medicated for Swine Only	G	16.0	4.0	6.0	9.0
	F	16.3	4.8	3.4	9.2
Albers Pig Maker, Medicated for Swine Only	G	16.0	4.0	6.0	9.0
	F	17.1	4.5	4.3	8.3

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Albers Pig Maker, Medicated for Swine Only	G	16.0	4.0	6.0	9.0
	F	16.6	4.7	4.1	8.8
Albers Pig Maker 16	G	16.0	3.5	8.0	9.0
	F	15.7	3.8	5.3	7.8
Albers Pig and Sow Ration, Medicated for Swine Only	G	18.0	5.0	6.0	10.0
	F	<u>17.0</u>	4.7	3.7	7.1
Albers Pig and Sow Ration, Medicated for Swine Only	G	18.0	5.0	6.0	10.0
	F	17.6	5.0	3.1	6.2
Albers Pig and Sow Ration, Medicated for Swine Only	G	18.0	-	-	-
	F	18.2	-	-	-
Albers Pig and Sow Ration, Medicated for Swine Only	G	18.0	4.5	6.0	10.0
	F	19.1	5.4	4.3	7.3
Albers Pre-Lac Sow Ration	G	15.0	2.0	12.0	10.0
	F	15.7	3.0	8.3	9.1
Albers Pre-Lac Sow Ration	G	15.0	-	-	-
	F	16.9	-	-	-
Albers Pre-Lac Sow Ration	G	15.0	2.0	15.0	10.0
	F	16.0	3.3	8.5	10.3
Albers Suckle	G	24.0	5.0	0.5	9.0
	F	24.2	8.4	0.3	6.3
Albers Suckle	G	24.0	-	-	-
	F	24.8	-	-	-
Albers Suckle	G	24.0	5.0	0.5	9.0
	F	24.2	6.7	0.4	9.0
Albers Sweet Pak Pig Starter, Medicated for Swine Only	G	20.0	4.0	4.0	9.0
	F	21.6	4.7	3.2	5.4
Albers Sweet Pak Pig Starter, Medicated for Swine Only	G	20.0	4.0	4.0	9.0
	F	22.3	4.3	2.6	5.0
Albers Sweet Pak Pig Starter, Medicated for Swine Only	G	20.0	4.0	4.0	9.0
	F	21.5	4.1	3.0	5.2

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>California Milling Corporation</u>					
<u>Los Angeles, California</u>					
Ace-Hi 40% Hog Concentrate	G	40.0	5.5	8.0	19.0
	F	40.7	<u>4.2</u>	7.9	11.3
Ace-Hi 40% Hog Concentrate	G	40.0	5.0	8.0	19.0
	F	42.0	<u>3.5</u>	6.7	13.7
Ace-Hi Pig Fat-ner Pellets	G	14.0	2.5	10.0	12.0
	F	16.1	3.0	7.7	9.9
Ace-Hi Pig and Sow Grower	G	15.0	3.0	6.0	10.0
	F	15.4	3.6	4.5	8.9
Ace-Hi Pig and Sow Grower	G	15.0	3.0	6.0	10.0
	F	14.9	3.3	4.3	5.8
Ace-Hi Pig and Sow Grower	G	15.0	3.0	6.0	10.0
	F	15.9	3.8	4.0	6.8
Ace-Hi Pig and Sow Grower	G	15.0	3.0	6.0	10.0
	F	15.4	3.5	3.3	5.7
Ace-Hi Pig Starter Pellets, Medicated for Swine Only	G	20.0	4.0	8.0	8.0
	F	20.7	5.0	3.8	7.5
Ace-Hi Pig Starter Pellets, Medicated for Swine Only	G	20.0	4.0	8.0	8.0
	F	19.7	4.4	3.6	7.5
Ace-Hi Pig Starter Pellets, Medicated for Swine Only	G	20.0	4.0	8.0	8.0
	F	20.3	4.4	2.5	7.3
Ace-Hi Pig Starter Pellets, Medicated for Swine Only	G	20.0	4.0	8.0	8.0
	F	<u>19.1</u>	3.8	3.8	7.2
Ace-Hi Swine Holder Feed	G	10.0	2.0	12.0	9.0
	F	13.1	2.7	5.7	6.3
<u>Fisher Flouring Mills Co.</u>					
<u>Seattle, Washington</u>					
Fisher's Morpork	G	16.0	3.5	7.0	7.0
	F	17.2	4.2	5.6	6.8

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Fisher's Morpork	G	16.0	3.5	7.0	7.0
	F	17.5	3.6	5.0	5.7
Fisher's Morpork	G	16.0	3.5	7.0	7.0
	F	17.5	-	-	-
Fisher's Morpork	G	16.0	3.5	7.0	7.0
	F	16.4	3.8	5.9	7.0
Fisher's Morpork Special for Nursing Sows and Young Pigs	G	15.0	3.5	7.0	7.0
	F	16.1	4.0	4.3	4.4
Fisher's Morpork Special for Nursing Sows and Young Pigs	G	15.0	3.5	7.0	7.0
	F	17.3	-	-	-
Fisher's Morpork Special for Nursing Sows and Young Pigs	G	15.0	3.5	7.0	7.0
	F	15.6	3.6	4.7	6.1
Fisher's Morpork Special Pellets	G	15.0	3.5	7.0	7.0
	F	15.8	-	-	-
Fisher's Pig Starter Pellets, Medicated	G	20.0	3.5	6.5	7.0
	F	19.9	4.4	4.2	6.4
Fisher's Pig Starter Pellets, Medicated	G	20.0	3.5	6.5	7.0
	F	20.5	4.4	4.3	6.9
Fisher's Pig Starter Pellets, Medicated	G	20.0	3.5	6.5	7.0
	F	20.5	-	-	-
Fisher's Pig Starter Pellets, Medicated	G	20.0	3.5	6.5	7.0
	F	<u>18.2</u>	4.2	4.4	6.5
<u>Foremost Feed Company</u> <u>Honolulu, Hawaii</u>					
Foremost Growing Pig Meal	G	19.0	2.5	6.5	5.0
	F	21.5	3.1	5.0	<u>7.1</u>
Foremost Growing Pig Meal	G	19.0	2.5	6.5	5.0
	F	22.2	3.9	4.9	<u>7.0</u>
Foremost Special Pig Meal	G	20.5	4.0	7.5	7.0
	F	21.8	4.4	5.4	<u>7.9</u>

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Foremost Special Pig Meal	G	20.5	4.0	7.5	7.0
	F	22.9	4.4	5.8	7.3
Foremost Special Pig Meal	G	20.5	4.0	7.5	7.0
	F	21.8	-	-	-
Foremost Special Pig Meal	G	20.5	4.0	7.5	7.0
	F	20.7	4.4	6.0	<u>7.8</u>
<u>General Mills, Inc.</u>					
<u>Honolulu, Hawaii</u>					
Larro Surepig (AGS), Medicated	G	18.0	3.0	4.0	7.0
	F	19.3	3.9	3.2	5.2
Larro Surepig (AGS), Medicated	G	18.0	3.0	4.0	7.0
	F	18.6	3.8	2.8	4.9
Larro Surepig (AGS), Medicated	G	18.0	3.0	4.0	7.0
	F	19.1	3.6	2.9	5.0
Larro Surepig (AGS-HYG), Medicated	G	18.0	3.0	4.0	7.0
	F	19.7	3.6	2.9	5.2
Larro Surepig (AGS-HYG), Medicated	G	18.0	3.0	4.0	7.0
	F	19.7	3.7	3.4	4.9
Larro Surepork 35	G	35.0	1.5	8.0	16.0
	F	35.7	1.8	7.1	<u>18.7</u>
Larro Surepork 35	G	35.0	1.5	8.0	16.0
	F	38.2	2.7	6.8	15.1
Larro Surepork Complete (AGS-HYG) Medicated	G	15.0	2.5	6.0	8.0
	F	15.0	3.0	5.2	6.5
Larro Surepork Complete (AGS-HYG) Medicated	G	15.0	2.5	6.0	8.0
	F	14.8	2.4	5.0	5.8
Larro Surepork Complete (AGS-HYG) Medicated	G	15.0	2.5	6.0	8.0
	F	14.8	3.1	4.3	5.7
Larro Surepork Finisher Complete (AGS), Medicated	G	12.0	2.5	6.0	7.0
	F	13.3	3.5	3.7	5.5

*G - guarantee; F - found

Manufacturer and Brand Name	C* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Larro Surepork Finisher Complete (AGS), Medicated	G	12.0	2.5	6.0	7.0
	F	12.9	3.3	4.2	5.5
Larro Surepork Finisher Complete (AGS), Medicated	G	12.0	2.5	6.0	7.0
	F	13.1	2.8	5.2	6.0
Larro Surepork Finisher Complete (AGS), Medicated	G	12.0	2.5	6.0	7.0
	F	14.1	3.3	3.7	5.7
Larro Surepork Grower Complete (AGS), Medicated	G	15.0	2.5	6.0	8.0
	F	16.2	3.1	4.4	6.8
Larro Surepork Grower Complete (AGS), Medicated	G	15.0	2.5	6.0	8.0
	F	15.8	2.7	4.4	5.8
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	15.0	2.5	6.0	8.0
	F	15.6	3.1	3.5	6.1
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	15.0	2.5	6.0	8.0
	F	14.8	3.9	5.0	5.6
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	15.0	2.5	6.0	8.0
	F	15.0	3.4	4.3	4.6
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	15.0	2.5	6.0	8.0
	F	15.5	2.7	4.6	6.8
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	15.0	2.5	6.0	8.0
	F	16.1	3.0	5.1	6.3
Larro Suresow Fitting and Farrowing Feed for Sows	G	15.0	2.0	7.0	8.0
	F	16.7	3.2	4.2	5.9
Special Medicated Surepork Complete	G	15.0	2.5	6.0	8.0
	F	17.1	3.2	4.6	6.2
Special Medicated Surepork Complete	G	15.0	2.5	6.0	8.0
	F	15.1	2.7	5.1	6.1
Special Medicated Surepork Complete	G	15.0	2.5	6.0	8.0
	F	15.7	2.6	5.5	5.8

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>The Quaker Oats Company</u>					
<u>Chicago, Illinois</u>					
Ful-O-Pep Baby Pig Diet (D1), Medicated	G	24.0	4.0	4.0	-
	F	22.3	6.7	2.1	6.5
Ful-O-Pep Pig Grower (KP) M, Medicated for Swine Only	G	16.0	3.0	5.0	9.0
	F	16.6	4.1	3.8	6.4
Ful-O-Pep Pig Grower (KP) M, Medicated for Swine Only	G	16.0	3.0	5.0	9.0
	F	15.8	3.7	3.8	5.6
Ful-O-Pep Pig Grower (KP) M, Medicated for Swine Only	G	16.0	3.0	5.0	9.0
	F	15.8	3.7	4.9	5.4
Ful-O-Pep Pig Starter (KP) M, Medicated for Swine Only	G	18.0	2.5	5.0	9.0
	F	19.1	4.1	4.0	7.1
Ful-O-Pep Pig Starter (KP) M, Medicated for Swine Only	G	18.0	2.5	5.0	9.0
	F	18.2	-	-	-
Ful-O-Pep Pig Starter (KP) M, Medicated for Swine Only	G	18.0	5.0	5.0	9.0
	F	18.6	5.0	5.0	6.0
<u>Ralston Purina Company</u>					
<u>St. Louis, Missouri</u>					
Purina Baby Pig Chow A, Medicated	G	18.0	5.0	3.0	8.0
	F	18.9	-	-	-
Purina Pig Startena, Medicated	G	18.0	4.0	5.0	8.0
	F	19.4	4.8	2.5	5.4
Purina Pig Startena H, Medicated for Swine Only	G	18.0	4.5	5.0	8.0
	F	20.0	5.1	2.8	5.0
<u>Fred L. Waldron, Ltd.</u>					
<u>Honolulu, Hawaii</u>					
Waldron's Peerless Pig Grower, Medicated	G	16.0	4.0	4.0	5.0
	F	15.7	-	-	-
Waldron's Peerless Pig and Sow Feed	G	17.0	3.5	6.5	6.5
	F	18.8	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Waldron's Peerless Pig and Sow Feed	G	17.0	3.5	6.5	6.5
	F	16.9	-	-	-
Waldron's Peerless Pig and Sow Feed	G	17.0	3.5	6.5	6.5
	F	18.8	4.1	4.2	6.3
Waldron's Peerless Pig Starter, Medicated	G	18.0	3.5	3.5	5.0
	F	18.2	-	-	-
Waldron's Peerless Pork Producer	G	14.0	3.5	6.5	6.5
	F	15.5	-	-	-
Waldron's Peerless Pork Producer	G	14.0	3.5	6.5	6.5
	F	14.0	-	-	-
Waldron's Peerless Pork Producer	G	14.0	3.5	6.5	6.5
	F	15.3	4.4	3.7	5.8

RABBIT FEEDS

Albers Milling Company Los Angeles, California

Albers Double Duty Rabbit Ration	G	16.0	2.5	16.5	9.0
	F	17.8	3.2	<u>18.1</u>	9.4
Albers Double Duty Rabbit Ration	G	16.0	2.5	16.5	9.0
	F	<u>14.8</u>	2.6	<u>20.7</u>	8.1
Albers Double Duty Rabbit Ration	G	16.0	2.5	16.5	9.0
	F	16.9	2.7	16.4	5.5
Albers Rabbit Breeder Paks	G	13.0	2.0	22.0	10.0
	F	12.7	2.4	22.4	9.2
Albers Rabbit Breeder Paks	G	15.0	2.0	20.0	12.0
	F	15.7	3.0	15.8	11.8
Albers Rabbit Family Ration	G	18.0	2.5	16.5	9.0
	F	<u>17.0</u>	2.7	13.8	8.2
Albers Rabbit Family Ration	G	18.0	2.5	16.5	9.0
	F	<u>16.7</u>	2.7	14.1	8.2

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
Albers Rabbit Family Ration	G	18.0	2.5	16.5	12.0
	F	18.9	3.2	15.2	11.3
<u>Beckley Feed Company</u>					
<u>Linden, California</u>					
Linden Quality Alfalfa Pellets Suncured Alfalfa	G	15.0	1.5	23.0	15.5
	F	15.8	2.4	19.5	17.3
Linden Quality Alfalfa Pellets Suncured Alfalfa	G	15.0	1.5	23.0	15.0
	F	17.9	1.9	24.6	8.5
<u>California Milling Corporation</u>					
<u>Los Angeles, California</u>					
Ace-Hi Special Rabbit Pellets	G	16.0	3.0	18.0	10.0
	F	16.9	3.0	14.7	10.1
Ace-Hi Special Rabbit Pellets	G	16.0	3.0	18.0	10.0
	F	16.4	3.3	14.6	9.2
Ace-Hi Special Rabbit Pellets	G	16.0	3.0	18.0	10.0
	F	16.3	3.1	14.4	10.1
Valley Farm Rabbit Pellets	G	16.0	2.0	24.0	12.0
	F	17.6	2.8	21.0	11.0
Valley Farm Rabbit Pellets	G	16.0	2.0	24.0	12.0
	F	18.3	2.4	20.2	9.2
Valley Farm Rabbit Pellets	G	16.0	2.0	24.0	12.0
	F	18.0	2.4	21.9	10.1
<u>Fernando Alfalfa Milling Co.</u>					
<u>Lancaster, California</u>					
Alfalfa Pellets	G	15.0	2.0	28.0	12.0
	F	15.8	2.2	24.1	10.3
Alfalfa Pellets	G	15.0	2.0	28.0	12.0
	F	16.0	2.2	28.4	9.4
Alfalfa Pellets	G	15.0	2.0	28.0	12.0
	F	18.6	3.5	23.4	11.0

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash
<u>Fisher Flouring Mills Company</u> <u>Seattle, Washington</u>					
Fisher's All-in-One Rabbit Ration Pellets	G	15.0	3.0	16.0	9.0
	F	17.1	3.2	13.4	6.8
Fisher's All-in-One Rabbit Ration Pellets	G	15.0	3.0	16.0	9.0
	F	15.2	-	-	-
Fisher's All-in-One Rabbit Ration Pellets	G	15.0	3.0	16.0	9.0
	F	16.8	3.0	13.3	7.5
<u>Fudge Mills, Inc.</u> <u>Los Angeles, California</u>					
Dehydrated Alfalfa Meal Pellets 17%	G	17.0	2.0	27.0	13.0
	F	17.2	3.4	22.6	10.7
<u>General Mills, Inc.</u> <u>Honolulu, Hawaii</u>					
Larro Surerabbit (FRZ), Medicated with 2% Bentonite	G	16.0	2.0	19.0	10.0
	F	16.5	2.5	15.0	10.0
Larro Surerabbit (FRZ), Medicated with 2% Bentonite	G	16.0	2.0	19.0	10.0
	F	16.4	2.3	14.1	9.6
Larro Surerabbit (FRZ), Medicated with 2% Bentonite	G	16.0	2.0	19.0	10.0
	F	17.9	2.8	14.9	8.9
Larro Surerabbit (FRZ), Medicated with 2% Bentonite	G	16.0	2.0	19.0	10.0
	F	17.8	2.5	16.3	9.4
Larro Surerabbit (FRZ), Medicated with 2% Bentonite	G	16.0	2.0	19.0	10.0
	F	17.7	2.7	15.5	9.6
<u>Pillsbury Mills, Inc.</u> <u>Los Angeles, California</u>					
Pillsbury's Best Rabbit Hopper-etts	G	15.0	2.0	20.0	10.0
	F	18.3	-	-	-
Pillsbury's Best Rabbit Hopper-etts	G	15.0	2.0	20.0	10.0
	F	19.0	-	-	-

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition			
		Protein	Fat	Fiber	Ash
Pillsbury's Best Rabbit Hopper-etts	G	15.0	2.0	20.0	10.0
	F	19.1	3.3	16.5	10.4
Pillsbury's Best 16% Rabbit Pellets	G	16.0	2.5	19.0	10.0
	F	18.2	-	-	-

The Quaker Oats Company
Chicago, Illinois

Ful-O-Pep Rabbit Ration (C4) M	G	15.0	2.5	18.0	9.0
	F	15.0	2.7	13.9	9.9
Ful-O-Pep Rabbit Ration (C4) M	G	15.0	2.5	18.0	9.0
	F	15.1	2.6	13.7	8.1

San Joaquin Valley Hay Growers Association
San Joaquin, California

Vernalfa Brand Suncured Alfalfa Pellets	G	15.0	-	-	-
	F	14.7	-	-	-
Vernalfa Brand Suncured Alfalfa Pellets	G	15.0	1.5	30.0	10.0
	F	17.0	2.6	25.0	8.3
Vernalfa Brand Suncured Alfalfa Pellets	G	15.0	1.5	30.0	10.0
	F	18.6	-	-	-

HORSE FEEDS

Albers Milling Company
Los Angeles, California

Albers Trophy and Calf Manna, a Ration for All Farm Animals	G	14.0	3.0	9.0	8.0
	F	18.6	3.1	6.7	7.8
Albers Trophy and Calf Manna, a Ration for All Farm Animals	G	14.0	-	-	-
	F	17.9	-	-	-
Albers Trophy and Calf Manna, a Ration for All Farm Animals	G	14.0	3.0	9.0	8.0
	F	15.3	3.1	5.8	6.6

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition			
	F*	Protein	Fat	Fiber	Ash

Hawaiian Commercial and Sugar Company, Ltd.
Puunene, Maui, Hawaii

Maui Brand Horse Feed with 6% Devitalized Refuse Screenings	G	6.5	1.5	12.0	12.0
	F	9.6	2.5	9.8	10.9
Maui Brand Horse Feed with 6% Devitalized Refuse Screenings	G	6.5	-	-	-
	F	8.7	-	-	-
Maui Brand Horse Feed with 6% Devitalized Refuse Screenings	G	6.5	1.5	12.0	12.0
	F	8.7	2.0	10.2	9.8

The Quaker Oats Company
Chicago, Illinois

Quaker Horse Feed with 11% Oat Mill By-Product	G	9.0	2.5	11.0	8.0
	F	9.7	3.2	8.5	6.5

SHEEP FEEDS

Ralston Purina Company
St. Louis, Missouri

Purina Goat Chow	G	16.0	3.0	9.0	7.0
	F	17.9	-	-	-

MINERALS

Manufacturer and Brand Name	G*	Percent Composition		
	F*	Cal- cium	Phos- phorus	NaCl

Viking Laboratories
Seattle, Washington

Fer-Til-Aid Medicated Feed Supplement	G	14.0	6.0	4.0
Viking-Super Digester Feed Supplement	F	14.9	5.7	4.7

* G - guarantee; F - found

TABLE 5. TABULATION OF MEDICATED FEED SAMPLES
ANALYZED FROM JANUARY 1 TO DECEMBER 31, 1960

Manufacturer and Brand Name	G* F*	Percent Composition
		Acetyl- (para-Nitrophenyl)- Sulfanilamide
<u>Albers Milling Company</u> <u>Los Angeles, California</u>		
Albers Broiler Finisher, Medicated	G	0.030
	F	0.035
Albers Broiler Finisher, Medicated	G	0.030
	F	0.028
Albers Broiler Finisher, Medicated	G	0.030
	F	0.035
Albers Broiler Finisher, Medicated	G	0.030
	F	0.031
Albers Broiler Ration, Medicated	G	0.030
	F	0.034
Albers Broiler Ration, Medicated	G	0.030
	F	0.030
Albers Broiler Starter, Medicated	G	0.030
	F	0.029
Albers Broiler Starter, Medicated	G	0.030
	F	0.037
Albers Broiler Starter, Medicated	G	0.030
	F	0.030
Albers Chick Starter Mash, Medicated	G	0.030
	F	0.040
Albers Chick Starter Mash, Medicated	G	0.030
	F	0.029
Albers Chick Starter Pakettes, Medicated	G	0.030
	F	0.034

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition
		Acetyl- (para-Nitrophenyl)- Sulfanilamide
Albers Chick Starter Pakettes, Medicated	G	0.030
	F	0.036
Albers Chick Starter Pakettes, Medicated	G	0.030
	F	0.031
Albers Medicated Potent-E-Ade	G	0.030
	F	0.034
Albers Medicated Potent-E-Ade	G	0.030
	F	0.034
Albers Medicated Potent-E-Ade	G	0.030
	F	0.026
Albers Medicated Potent-E-Ade	G	0.030
	F	0.030
Albers Pullet Finisher 16%, Medicated	G	0.030
	F	0.032
Albers Pullet Finisher 16%, Medicated	G	0.030
	F	0.032
Albers Pullet Finisher 16%, Medicated	G	0.030
	F	0.032
Albers Pullet Maker, Medicated	G	0.030
	F	0.038
Albers Pullet Maker, Medicated	G	0.030
	F	0.032
Albers Pullet Maker, Medicated	G	0.030
	F	0.034
Albers Pullet Maker, Medicated	G	0.030
	F	0.035
Albers Pullet Maker, Medicated	G	0.030
	F	0.031

* G - guarantee; F - found

Manufacturer and Brand Name	G* F*	Percent Composition
		Acetyl- (para-Nitrophenyl)- Sulfanilamide
Albers Pullet Maker, Medicated	G	0.030
	F	0.033
Albers Turkey Starter, Medicated	G	0.030
	F	0.025
<u>The Quaker Oats Company</u> <u>Tennessee</u>		
Ful-O-Pep Broiler Mash (U) M, Medicated	G	0.030
	F	0.032
Ful-O-Pep Broiler Mash (U) M, Medicated	G	0.030
	F	0.030

Manufacturer and Brand Name	G*	Percent Composition
	F*	p-Arsanilic Acid
<u>Albers Milling Company</u> <u>Los Angeles, California</u>		
Albers Pig Maker, Medicated for Swine Only	G	0.01
	F	0.011
Albers Pig Maker, Medicated for Swine Only	G	0.01
	F	0.009
Albers Pig Maker, Medicated for Swine Only	G	0.01
	F	0.012
Albers Pig and Sow Ration, Medicated for Swine Only	G	0.01
	F	0.013
Albers Pig and Sow Ration, Medicated for Swine Only	G	0.01
	F	0.011
Albers Pig and Sow Ration, Medicated for Swine Only	G	0.01
	F	0.01

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	p-Arsanilic Acid
Albers Sweet Pak Pig Starter, Medicated for Swine Only	G	0.01
	F	0.008
Albers Sweet Pak Pig Starter, Medicated for Swine Only	G	0.01
	F	0.009
Albers Sweet Pak Pig Starter, Medicated for Swine Only	G	0.01
	F	0.008
<u>General Mills, Inc.</u> <u>Honolulu, Hawaii</u>		
Larro Surepork Complete (AGS-HYG), Medicated	G	0.01
	F	0.009
Larro Surepork Complete (AGS-HYG), Medicated	G	0.01
	F	0.01
Larro Surepork Finisher Complete (AGS), Medicated	G	0.01
	F	0.002
Larro Surepork Finisher Complete (AGS), Medicated	G	0.01
	F	0.002
Larro Surepork Finisher Complete (AGS), Medicated	G	0.01
	F	0.010
Larro Surepork Finisher Complete (AGS), Medicated	G	0.01
	F	0.010
Larro Surepork Grower Complete (AGS), Medicated	G	0.01
	F	0.010
Larro Surepork Grower Complete (AGS), Medicated	G	0.01
	F	0.002
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	0.01
	F	0.009
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	0.01
	F	0.009
Larro Surepork Grower Complete (AGS-HYG), Medicated	G	0.01
	F	0.008

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	p-Arsanilic Acid
Larro Surepork Grower Complete	G	0.01
(AGS-HYG), Medicated	F	0.007
Larro Surepork Grower Complete	G	0.01
(AGS-HYG), Medicated	F	0.005
Larro Surepork Grower Complete	G	0.01
(AGS-HYG), Medicated	F	0.009
Special Medicated Surepork Complete	G	0.01
	F	0.008
Special Medicated Surepork Complete	G	0.01
	F	0.008
Special Medicated Surepork Complete	G	0.01
	F	0.002
<u>The Pillsbury Company</u>		
<u>Clinton, Iowa</u>		
Pillsbury's Best 4X Broiler Mash	G	0.01
(AG6), Medicated	F	0.009
<u>The Quaker Oats Company</u>		
<u>Chicago, Illinois</u>		
Ful-O-Pep Pig Grower (KP) M,	G	0.01
Medicated for Swine Only	F	0.008
Ful-O-Pep Pig Grower (KP) M,	G	0.01
Medicated for Swine Only	F	0.009
Ful-O-Pep Pig Grower (KP) M,	G	0.01
Medicated for Swine Only	F	0.009
Ful-O-Pep Pig Starter (KP) M,	G	0.01
Medicated for Swine Only	F	0.0098
Ful-O-Pep Pig Starter (KP) M,	G	0.01
Medicated for Swine Only	F	0.011

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	p-Arsanilic Acid
<u>Fred L. Waldron, Ltd.</u>		
<u>Honolulu, Hawaii</u>		
Waldron's Peerless All Mash Egg Food	G	0.01
(with Shell and 1.5% Granite Grit)	F	0.009
Waldron's Peerless All Mash Egg Food	G	0.01
(with Shell and 1.5% Granite Grit)	F	0.010
Waldron's Peerless All Mash Egg Food	G	0.01
(with Shell and 1.5% Granite Grit)	F	0.008
Waldron's Peerless All Mash Egg Food	G	0.01
(with Shell and 1.5% Granite Grit)	F	0.009
Waldron's Peerless All Mash Egg Food	G	0.01
(with Shell and 1.5% Granite Grit)	F	0.009
Waldron's Peerless Battery Laying	G	0.01
Ration for Cage Layers (with Shell	F	0.001
and 1.5% Granite Grit), Medicated		
Waldron's Peerless Growing Pullet	G	0.01
Food (with 1.5% Granite Grit)	F	0.005
Waldron's Peerless Growing Pullet	G	0.01
Food (with 1.5% Granite Grit)	F	0.002
Waldron's Peerless Master Chick	G	0.01
Mash, Medicated	F	0.003
Waldron's Peerless Master Chick	G	0.01
Mash, Medicated	F	0.004
Waldron's Peerless Master Chick	G	0.01
Mash, Medicated	F	0.005
Waldron's Peerless Pig and Sow Feed	G	0.01
	F	0.009

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	Furazolidone
<u>Albers Milling Company</u>		
<u>Los Angeles, California</u>		
Albers Medicated Korect	G	0.011
	F	0.007
Albers Medicated Korect	G	0.011
	F	0.005
Albers Medicated Korect	G	0.011
	F	0.004
Albers Medicated Korect	G	0.011
	F	0.01
<u>California Milling Corporation</u>		
<u>Los Angeles, California</u>		
Ace-Hi 300 G Kracketts	G	0.011
	F	0.008
Ace-Hi 300 G Kracketts	G	0.011
	F	0.008
Ace-Hi 300 G Kracketts	G	0.011
	F	0.006
<u>Fisher Flouring Mills Company</u>		
<u>Seattle, Washington</u>		
Fisher's Broiler Finisher Krumbles, Medicated	G	0.008
	F	0.005
Fisher's Commercial Broiler and Starter Krumbles (Medicated)	G	0.008
	F	0.005
Fisher's Commercial Broiler and Starter Krumbles (Medicated)	G	0.008
	F	0.006
Fisher's Commercial Broiler and Starter Krumbles (Medicated)	G	0.008
	F	0.003
Fisher's Developer Complete Krumbles, Medicated	G	0.008
	F	0.005

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	Furazolidone
Fisher's Developer Complete	G	0.008
Krumbles, Medicated	F	0.004
Fisher's Medicated Booster Krumbles	G	0.011
	F	0.007
Fisher's Savetime Chick Krumbles,	G	0.008
(Medicated)	F	0.005
Fisher's Savetime Chick Krumbles,	G	0.008
(Medicated)	F	0.006
Fisher's Savetime Chick Krumbles,	G	0.008
(Medicated)	F	0.005
Fisher's Savetime Chick Krumbles,	G	0.008
(Medicated)	F	0.005
<u>General Mills, Inc.</u>		
<u>Honolulu, Hawaii</u>		
Larro Medicated Poultry Surelift	G	0.011
	F	0.010
Larro Medicated Poultry Surelift	G	0.011
	F	0.009
Larro Medicated Poultry Surelift	G	0.011
	F	0.007
Larro Medicated Poultry Surelift	G	0.011
	F	0.010
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated	F	0.00230
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated	F	0.00172
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.00246
2% Granite Grit		

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	Furazolidone
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.00180
2% Granite Grit		
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.00180
2% Granite Grit		
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.00185
2% Granite Grit		
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.002
2% Granite Grit		
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.002
2% Granite Grit		
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.002
2% Granite Grit		
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.003
2% Granite Grit		
Larro Surelay Complete "H. E."	G	0.00275
(0.00275 FRZ), Medicated with	F	0.0032
2% Granite Grit		
Larro Surerabbit (FRZ), Medicated	G	0.0055
with 2% Bentonite	F	0.0035
Larro Surerabbit (FRZ), Medicated	G	0.0055
with 2% Bentonite	F	0.004
Larro Surerabbit (FRZ), Medicated	G	0.0055
with 2% Bentonite	F	0.0032
Larro Surerabbit (FRZ), Medicated	G	0.0055
with 2% Bentonite	F	0.004

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	Furazolidone
Larro Surerabbit (FRZ), Medicated	G	0.0055
with 2% Bentonite	F	0.0054
<u>Glesby Bros. Grain and Milling Co., Inc.</u>		
<u>Monrovia, California</u>		
Glesby's Diamond Brand CRD Tone-	G	0.011
up Feed for Broilers-Fryers and	F	0.0026
Replacement Pullets, Medicated		
<u>The Quaker Oats Company</u>		
<u>Chicago, Illinois</u>		
Ful-O-Pep Chick Starter (BC) M,	G	0.008
Medicated	F	0.001
Ful-O-Pep Chick Starter (BC) M,	G	0.008
Medicated	F	0.001
Ful-O-Pep Medicated Broiler Bracer	G	0.011
(C2D1) M	F	0.003
Ful-O-Pep Pullet Developer (BC) M	G	0.008
with 35% Oat Mill By-Product	F	0.003
Ful-O-Pep Rabbit Ration (C4) M,	G	0.0055
Medicated	F	0.0023
Ful-O-Pep Rabbit Ration (C4) M,	G	0.0055
Medicated	F	0.002

* G - guarantee; F - found

Manufacturer and Brand Name	G*	Percent Composition
	F*	Sulfaquinoxaline
<u>California Milling Corporation</u>		
<u>Los Angeles, California</u>		
Ace-Hi Sulfaquinoxaline Mixture,	G	0.015
Ace-Hi Broiler and Fryer	F	0.014
Ace-Hi Sulfaquinoxaline Mixture,	G	0.015
Ace-Hi Broiler and Fryer	F	0.017
Ace-Hi Sulfaquinoxaline Mix, Ace-Hi	G	0.0125
Quik Gro Mash	F	0.008
Ace-Hi Sulfaquinoxaline Mix, Ace-Hi	G	0.015
Quik Gro Mash	F	0.017
Ace-Hi Sulfaquinoxaline Mix, Ace-Hi	G	0.015
Quik Gro Mash	F	0.014
<u>General Mills, Inc.</u>		
<u>Honolulu, Hawaii</u>		
Larro Surepoult (S. Q.), Medicated	G	0.0175
	F	0.011

* G - guarantee; F - found

